

# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

(Managed by: Siddhartha Academy of General & Technical Education, Vijayawada-10)

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade



## **Internal Quality Assurance Cell (IQAC)**

### **Bridge Course**

Department : BOTANY

Academic year : 2018-19

Semester : I SEM

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class : I BZC (T.M , E.M)

S. No	Roll No.	Name of the Student	Signature
1	18-501	SD.RESHMA	s.d Reshma
2	502	M. HINDHU PRIYA	M. Hindhu priya
3	503	B.SIREESHA DEVI	B.SIREESHA DEVI.
4	504	K.RADHA	k. Radha
5	505	M.SHINY	m. shimy
6	506	K.GANA HEMANI	K. Gana Hemani
7	507	Y. Nagamalleswara Rao	Y. Nagamalleswara Rao
8	508	L.PUSHPA DEVI	.l. Pushpa devi
9	509	B.NANDHINI	B. Nandhini
10	510	D.PAVANI	D. Pavani
11	511	J.DEEPTHI	J. Deepthi
12	512	B.KRUPA	B. Krupa
13	513	S.A.SUSEELA DEVI	s.a. Susheladevi
14	514	J.BHUVANESWARI	J. BHUVANESWARI
15	515	T.VENNELA	T. Vennela.
16	516	M.NAGA ANJANA DEVI	M. Naga Anjana Devi.

C. B. Rajani

17	517	N.JAYA CHANDRA MANASA	N.JAYA CHANDRA MANASA
18	518	G.DAIVA MANOHAR	G. Daiva Manohar
19	519	S.K.KARIMULLA	S.K. Karimulla
20	520	B.TEJA PRASAD	B. TEJA PRASAD
21	521	D.JESHA NAVI	D. Jeshnavi
22	522	D.DINAKAR	D. Dinakar
23	523	V.ANJALI	V. Anjali
24	18-301	K.MOHANA SRINIVAS	K. Mohana Srinivas
25	302	D.SRIHARI BABU	D. Srihari Babu
26	303	A.GAYATHRI	A. Gayathri
27	304	N.SWATHI	N. SWATHI.
28	305	K.SUBHASHINI	K. Subhashini H. Yamini
29	307	N.YAMINI	N. Yamini
30	309	K.YESU PREMA KUMARI	K. Yesu Prema Kumari

CH. Beulah Raju  
DEPARTMENT OF BOTANY  
A.G. & S.G. Siddhartha Arts & Science  
Degree College, VUYYURU-521 165

**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course**

UNIT	TOPIC	HOURS
Unit I -	Systematic Botany – Concept of classification, plant classification (5 kingdom System of classification), Important characters. Bryophytes	<b>6</b>
Unit- II	Plant body – Introduction of Morphology, Introduction of Botanical terms & taxonomic terms, Embryology. plollination.	<b>6</b>
Unit- III	Viruses and prokaryotes –Difference between prokaryotic cell and Eukaryotic cell, cell orgenells and cell division. Nucleic acids plant physiology macro and micro nutrients, photosynthesis and respiration ,plant growth regulators.	<b>8</b>

**Bridge Course**

**Question paper**

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1. What is the basic unit of classification? Define it?
  2. Who proposed the five kingdoms classification? What are those?
  3. Which group of plant is called "amphibians of plant Kingdom"?
  4. What is double fertilization?
  5. Difference Between the unisexual and bisexual flowers?
  6. What is meant by heterospory?
7. Match the following things
- |                     |                        |
|---------------------|------------------------|
| 1. Anemophily.      | pollination by bats    |
| 2. Chiropterophily. | Pollination by Birds   |
| 3. Hydrophily.      | pollination by insects |
| 4. ornithophily.    | pollination by agents  |
| 5. zoophily.        | pollination by water   |
| 6. Entomophily      | pollination by wind    |
8. Give any two examples of liliaceae family?
  9. Which organelle is called as power house the eukaryotic cell?
  10. What is meant by metabolism?
  11. What is diffusion?
  12. What are macronutrients?
  13. Write the photosynthetic equation?
  14. Define the word glycolysis?
  15. Write any two plant growth regulators?
  16. Name the bacterium which is a common in habitat of human intestine?
  17. Who is the father of genetics?
  18. Define the word DNA and RNA?
  19. Who propose the double helical structure of DNA molecule?
  20. What is the function of DNA lygase enzyme?
  21. Give a full name of BT cotton?
  22. What are the pro plast?
  23. What are the lichens?
  24. What are viroids why differ from viruses?
  25. Write about the two names antibiotics?

# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

## **Bridge Course**

### **Syllabus**

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#### **General science:**

#### **DEPARTMENT OF BOTANY INTRODUCTION:**

Any study that involves Plants as it's primary focus can be considered a part of Botany. Botany is the branch which deals with the study of the plant kingdom, its classification, habits and habitats, living and extinct, morphology, physiology, embryology, anatomy, cytology, genetics, histology, taxonomy and evolution. Although familiar with subject Botany the entire syllabus of B.Sc. Botany deals with new terms and topics which will be a problem for students coming from 12<sup>th</sup> class to understand in one stroke. So to revise, update and groom students with basics in Theory and Practicals.

#### **OBJECTIVE:**

To revise the basics of Botany subject and to introduce new topics and syllabus of B.Sc. I, Botany so that students get familiar with the terms which will be used during regular classes.

- To understand the fundamentals of the sub disciplines in Biology including Taxonomy, Cell and Molecular Biology, Genetics, Physiology, Biodiversity, Ecology and Applied Botany.

Duration - 15 Contact Hours Beneficiaries - B.Sc. I.

## A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

### Bridge Course - Attendance Register

Class / Section: IBZC (E.M.T.M) Year: 2018-19 Department of: BOTANY Paper: BRIDGE COURSE

Lecturer: E.GANESH

Sl. No	Roll No	Student Name	category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1	18-501	SD.RESHMA		P	P	P	P	P	P	P	A	P	P	P	A	P	P	P						
2	502	M. HINDHU PRIYA		P	P	P	A	P	P	P	P	A	P	P	P	P	P	A						
3	503	B.SIREESHA DEVI		P	P	P	P	P	A	P	P	P	P	P	A	P	P	P						
4	504	K.RADHA		P	A	P	P	P	P	P	A	P	P	P	P	P	P	P						
5	505	M.SHINY		P	P	P	A	P	P	P	P	P	P	P	A	P	P	P						
6	506	K.GANA HEMANI		A	P	P	P	P	P	P	P	P	A	P	P	P	P	P						
7	507	Y. Nagamalleswara Rao		P	P	P	P	P	A	P	P	P	P	P	P	A	P	P						
8	508	L.PUSHPA DEVI		P	P	P	A	P	P	P	P	P	A	P	P	P	P	A						
9	509	B.NANDHINI		P	P	P	P	P	A	P	P	P	P	P	P	A	P	A						
10	510	D.PAVANI		P	P	A	P	P	P	P	P	P	A	P	P	P	P	P						
11	511	J.DEEPTHI		P	P	P	P	A	P	P	P	P	P	P	A	P	P	P						
12	512	B.KRUPA		P	P	A	P	P	P	P	P	A	P	P	P	P	P	P						
13	513	S.A.SUSEELA DEVI		P	A	P	P	P	P	P	A	P	P	P	P	A	P	P						

14	514	J.BHUVANESWARI	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
15	515	T.VENNELA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	516	M.NAGA ANJANA DEVI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	517	N.JAYA CHANDRA MANASA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	518	G.DAIVA MANOHAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	519	S.K.KARIMULLA	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	520	B.TEJA PRASAD	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	521	D.JESHNAVI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	522	D.DINAKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	523	V.ANJALI	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	18-301	K.MOHANA SRINIVAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	302	D.SRIHARI BABU	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	303	A.GAYATHRI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	304	N.SWATHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	305	K.SUBHASHINI	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	307	N.YAMINI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	309	K.YESU PREMA KUMARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

CH. Beulah Rajani  
DEPARTMENT OF BOTANY

A.G. & S.G. Siddhartha Arts & Science  
Degree College, VUYYURU-521 145

*D. Sathya*  
PRINCIPAL

AG & SG Siddhartha Degree College of  
Arts & Science (Autonomous), Vuyyuru



Student Name:- M. Naga Anjana Devi Roll No:- 516

21  
25

Class:- 1<sup>st</sup> BZC

1. What is the Basic Unit of Classification? Define it?

Species is the basic unit of classification. It is a group of individual organisms.

2. Who Proposed the Five Kingdoms Classification? What are Those?

R.H Whittaker proposed the five kingdom classification  
Protista, Monera, Fungi, Plantae, Animalia

3. Which group of Plants is called "Amphibians of Plant Kingdom"?

Bryophytes are called Amphibians of Plant Kingdom

4. What is double Fertilization?

Ans. The fusion of (male and female gametes) is called double fertilization. It involves Syngamy and triple fusion.

5. Difference between the Unisexual and Bisexual Flowers?

When a flower has either Androecium or Gynoecium is called Unisexual flower.

When a flower contains both Androecium and Gynoecium.

6. What is meant by Heterosporous?

If a plant produces micro and megaspores is called Heterosporous. Eg:- Selaginella, Salvinia.

7. Match the following things;

Anemophily	Pollination by Bats
Chiropterophily	Pollination by Birds
Hydrophily	Pollination by Insects
Ornithophily	Pollination by Agents (Animals)
Zoophily	Pollination by Water
Entomophily	Pollination by Wind.

8. Give any Two Examples of Liliaceae Family?

Ans. Allium cepa, Garlic

9. Which Organelle is Called as "Power House" of The Eukaryotic Cell?

Mitochondria is called as Power House of the eukaryotic cell.

10. What is meant by Metabolism?

(Some) sum of chemical reactions occurring in living organisms.

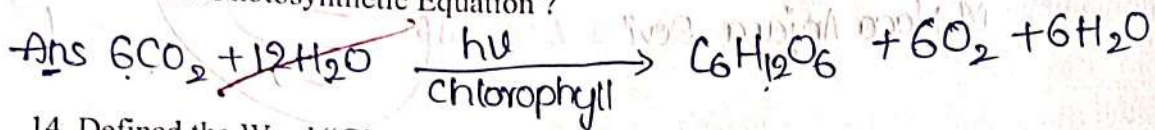
11. What is Diffusion?

The moving of molecules from high concentration to low concentration.

12. What are Macronutrients ?

The nutrients which are required in large quantities  
Eg:- Carbon, Zinc.

13. Write the Photosynthetic Equation ?



14. Define the Word "Glycolysis" ?

Ans Glycolysis means splitting of sugar molecules into pyruvate.

15. Write any two Plant Growth Regulators ?

Ans Auxins, Gibberellins.

16. Name the Bacteria which is a common Inhabitant of Human Intestine ?

Ans E. coli

17. Who is the Father of Genetics ?

Ans Gregor John Mendel was the father of Genetics.

18. Define the Words DNA and RNA ?

Ans D.N.A stands for Deoxy Ribonucleic acid  
R.N.A stands for Ribo Nucleic acid.

19. Who proposed the "Double Helical Structure" for DNA Molecule ?

Ans Watson and Crick

20. What is the Function of DNA Ligase Enzyme ?

Ans It helps to stick the cutted ends of D.N.A. D.N.A. ligase binds the foreign D.N.A. as well as plasmids.

21. Give a full name of B.t. Cotton formerly Phosphodiester bond

Ans Bacillus thuringiensis Cotton

22. What are Protoplasts ?

Ans These are normal cells with cell walls whose cell walls are removed by the enzymatic digestion.

23. What are Lichens ?

Ans The symbiotic relationship between Algae and fungi is called Lichens.

24. What are Viroids why differ from Viruses ?

Ans ① Viruses have protein coat around the cell membrane  
② Viroids doesn't contain protein coat around the cell membrane.

25. Write about any two names of Antibiotics ?

Ans Penicillin, tetracycline

Eg Potato spindle tuber membrane virus.

22  
25

Student Name:- A. Gayathri

Roll No:- 18-303

Class:- I B.T.C.I

1. What is the Basic Unit of Classification ? Define it ?

1. ~~1. Basic unit of classification is taxon. It is a group of organisms which are similar in certain characters.~~  
2. ~~2. Taxon is a group of organisms which are similar in certain characters.~~

2. Who Proposed the Five Kingdoms Classification ? What are Those ?

1. ~~1. Proposed by R.H. Whittaker.~~  
2. ~~2. Five Kingdoms are Monera, Protista, Fungi, Plantae, Animalia.~~

3. Which group of Plants is called "Amphibians of Plant Kingdom" ?

1. ~~1. Mosses and ferns are called amphibians of plant kingdom.~~  
2. ~~2. They are called amphibians because they can live both in water and on land.~~

4. What is the Difference between the unisexual and Bisexual flowers ?

1. ~~1. Unisexual flowers have either male or female reproductive parts.~~  
2. ~~2. Bisexual flowers have both male and female reproductive parts.~~

5. Difference between the Unisexual and Bisexual Flowers ? What is double fertilization ?

1. ~~1. Unisexual flowers have either male or female reproductive parts.~~  
2. ~~2. Bisexual flowers have both male and female reproductive parts.~~  
3. ~~3. Double fertilization is a process in which two sperm cells fuse with one egg cell.~~

6. What is meant by Heterospory ?

1. ~~1. Heterospory is the production of two types of spores, male and female.~~  
2. ~~2. In heterospory, the male gametophyte is smaller and simpler than the female gametophyte.~~

7. Match the following things;

- |                 |   |                                 |
|-----------------|---|---------------------------------|
| Anemophily      | — | Pollination by Bats             |
| Chiropterophily | — | Pollination by Birds            |
| Hydrophily      | — | Pollination by Insects          |
| Ornithophily    | — | Pollination by Agents (Animals) |
| Zoophily        | — | Pollination by Water            |
| Entomophily     | — | Pollination by Wind             |

8. Give any Two Examples of Liliaceae Family ?

1. ~~1. Tulip, Lily.~~  
2. ~~2. Narcissus, Hyacinth.~~

9. Which Organelle is Called as "Power House" of The Eukaryotic Cell ?

1. ~~1. Mitochondria is called as power house of the cell.~~  
2. ~~2. It is the site of cellular respiration.~~

10. What is meant by Metabolism ?

1. ~~1. Metabolism is the sum of all chemical reactions occurring in the body.~~  
2. ~~2. It includes both catabolic and anabolic processes.~~

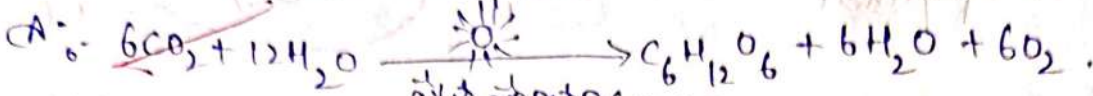
11. What is Diffusion ?

1. ~~1. Diffusion is the movement of particles from an area of high concentration to an area of low concentration.~~  
2. ~~2. It is a passive process.~~

12. What are Macronutrients ?

A: - ~~స్థూల పోషకాలు~~: ~~lysine, nitrogen, oxygen, sulphur, potassium, e~~

13. Write the Photosynthetic Equation ?



14. Defined the Word "Glycolysis" ?

A: - ~~గ్లైకోసిస్~~ ~~వేగ~~ (గ్లైకోసిస్) ~~అంటే~~ ~~పళ్లెం~~ ~~అంటే~~ ~~పళ్లెం~~

15. Write any two Plant Growth Regulators ?

A: - ~~అక్సిన్లు~~, ~~గిబ్బరెలిన్లు~~

16. Name the Bacteria which is a common Inhabitant of Human Intestine ?

A: - ~~అక్షరం~~ ~~అక్షరం~~ coli (e.coli) ~~అంటే~~ ~~అక్షరం~~ ~~అక్షరం~~

17. Who is the Father of Genetics ?

A: - (గ్రామర్) ~~అక్షరం~~ mendel ~~అక్షరం~~ ~~అక్షరం~~ ~~అక్షరం~~

18. Define the Words DNA and RNA ?

A: - DNA = ~~అక్షరం~~ ~~అక్షరం~~ Acid.

RNA = ~~అక్షరం~~ ~~అక్షరం~~ Acid.

19. Who proposed the "Double Helical Structure" for DNA Molecule ?

A: - ~~అక్షరం~~ ~~అక్షరం~~ ~~అక్షరం~~ DNA molecule ~~అక్షరం~~

20. What is the Function of DNA Ligase Enzyme ?

A: - DNA Ligase ~~అక్షరం~~ ~~అక్షరం~~ DNA Ligase ~~అక్షరం~~ ~~అక్షరం~~

21. Give a full name of B.t Cotton ?

A: - ~~అక్షరం~~ ~~అక్షరం~~ (B.t cotton)

22. What are Protoplasts ?

A: - ~~అక్షరం~~ ~~అక్షరం~~ protoplast ~~అక్షరం~~

23. What are Lichens ?

A: - ~~అక్షరం~~ ~~అక్షరం~~ lichens ~~అక్షరం~~

24. What are Viroids why differ from Viruses ?

A: - ~~అక్షరం~~ ~~అక్షరం~~ ~~అక్షరం~~

25. Write about any two names of Antibiotics ?

A: - ~~అక్షరం~~, ~~అక్షరం~~

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

(Managed by: Siddhartha Academy of General & Technical Education, Vijayawada-10)

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade



## Internal Quality Assurance Cell (IQAC)

### Bridge Course

Department : PG CHEMISTRY  
Academic year : 2018-19  
Semester : I

**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course Student Enrolment Sheet**

Class : HSC (Chemistry)

2018-19

S. No	Roll No.	Name of the Student	Signature
1	Y190CH102 001	Abdul Khadhar	A. Khadhar
2	002	A. Aswini	A. Aswini
3	003	B. Pradeep	B. Pradeep
4	004	B. Siva Kalyani	B. Sivakalyani
5	005	B. Anka Babu	B. Anka Babu
6	006	B. Sudhakar Reddy	B. Sudhakar Reddy
7	007	D.V.S Srinivasa Rao	D.V.S Srinivasa Rao
8	008	G. Ramya.	G. Ramya
9	009	G. N. Veeramma.	G.N. Veeramma
10	010	G. Siresha.	G. Siresha
11	011	G. Eswara Rao	G. Eswara Rao
12	012	K.S.N. Tulsi	K.S.N. Tulsi
13	013	K. Srinivas	K. Srinivas
14	014	K. Subba Rao	K. Subba Rao
15	015	K. Madhu Priya.	K. Madhu Priya.
16	016	K. Pavana Pratyusha.	K. Pavana Pratyusha.
17	017	L. Pavani.	L. Pavani.

18	021	M. Murali	M. Murali
19	022	Md. Fahadunnisa	Md. Fahadunnisa
20	023	P. Uma Tirupatana	P. Uma Tirupatana
21	024	P. Vasu Deeg	P. Vasu Deeg
22	025	R. Anusha	R. Anusha
23	026	Sd. Inthiyaz	Sd. Inthiyaz
24	027	M. Lakshmi Prasanna	M. Lakshmi Prasanna
25	028	U. Venkata Ramu	U. V. Ramu
26	029	V. Manikanta	V. Manikanta
27	030	V.S. Durga Rao	V.S. Durga Rao
28			
29			
30			
31			
32			
33			

Dilshadley.

V. P.  
 Head, P.G. Department of Chemistry  
 A.G. & S.G. Siddhartha College of Arts & Science  
 VUYURU-521 165 Krishna Dt. A.P.

## A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

### Bridge Course - Attendance Register

Class / Section: Hsc(Chemistry) Year: 2018-19 Department of: Pg chemistry Paper: Inorganic chemistry Lecturer: Smt Dilshad Begum

Sl. No	Roll No	Student Name	category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1	001	Abdul Khadhar	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
2	002	A. Aswini	SC	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	18
3	003	B. Pradeep	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	19
4	004	B. Sima Kalyani	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
5	005	B. Anka Babu	BC	P	P	P	P	P	A	P	A	P	A	P	P	P	P	P	P	P	P	P	P	17
6	006	B. Sallu Kar Reddy	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
7	007	D.V Srinivasa Rao	BC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
8	008	G. Ramya	BC	P	P	P	P	P	P	P	P	A	A	P	P	P	P	A	A	P	P	P	P	16
9	009	G. N. Veerama	SC	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	19
10	010	G. Srivastha.	BC	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
11	011	G. Suman Rao	BC	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	18
12	012	K.S.N. Tulsi	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
13	013	K. Srinivas	BC	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	18
14	014	K. Subba Rao	BC	P	P	P	P	P	A	A	A	P	P	P	P	P	P	A	P	P	P	P	P	16
15	015	K. Madhu Priya	SC	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	19
16	016	K. Pavana Prathusla	BC	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	18
17	017	L. pavani	BC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	18



18	021	M. Murali	SC	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	A	P	P	P	P	17
19	022	Md. Fahadunisa	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
20	023	P. Uma Tirupatna	BC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
21	024	P. Vasudeva	BC	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	18
22	025	B. Anisha	OC	P	P	P	P	P	P	P	P	A	A	P	P	P	A	P	P	A	P	P	P	15
23	026	Sd. Jithiyaz	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	19
24	027	H. Lakshmi Prasanna	BC	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	17
25	028	U. Venkata Ramu	BC	P	P	P	P	P	A	A	P	P	P	P	A	P	P	P	P	A	P	P	P	18
26	029	V. Manikanta	SC	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	18
27	030	V.S. Durga Rao	BC	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	16
28																								
29																								
30																								
31																								
32																								
33																								

D. Shadgun

V. S. J.  
 Head, P.G. Department of Chemistry  
 A.G. & S.G. Siddhartha College of Arts & Sci.  
 WUYURU-521 165 Krishna

**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course**

**Syllabus**

- 1) D- Block Elements, position in periodic table, variation in groups and periods, electronic configuration, oxidation states, and properties.
- 2) F- Block Elements, position in periodic table, variation in groups and periods, electronic configuration, oxidation states, and properties.
- 3) Introduction to polymer chemistry, Definition, Classification and properties of polymers.
- 4) Co-ordination Compounds, Types of complexes and crystal field theory with complexes.

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Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course: 2018-2019**

**Test Exercise:**

1. The basic parts of a liquid chromatographic instrument are
  - a. column
  - b. Injection system
  - c. Mobile phase pump system
  - d. Detector
  - e. All
2. Common materials used for tubing or column are.
  - a. Stainless steel
  - b. Glass
  - c. Teflon
  - d. Polyethylene
  - e. All
3. Misch metals are
  - a. Alloys of rare earth metals
  - b. Alloys of d- block elements
  - c. Alloy of Zn- Hg
  - d. Alloy of Al, Mg, Gd
4. Transition elements form complexes very readily because of?
  - a. Small cation size
  - b. Vacant d- orbital
  - c. Large ionic charge
  - d. All are correct
5. Alkanes mainly show reactions
  - a. Ionic elimination
  - b. Ionic formation
  - c. Free radical formation
  - d. Heat /photochemical reactions
6. Household gaseous fuel (LPG) mainly contains
  - a. Methane
  - b. Acetylene
  - c. Ethene
  - d. Butane
7. The compound with the highest boiling point is

- a. n- hexane
- b. n- pentane
- c. 2,2-dimethylpropane
- d. 2-methyl butane

8. In electrolytes in future state the electric current is conducted by.

- a. Atoms
- b. electrons
- c. Ions
- d. none

9. With increase in temperature the electrical conduction of electrolyte.

- a. Increases
- b. remains the same
- c. decrease
- d. None

10. During the electric conduction the composition of which of the following is unchanged.

- a. Graphite
- b. zinc wire
- c. copper wire
- d. all

**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course: 2018-2019**

**Key:**

1. e
2. e
3. a
4. d
5. d
6. d
7. a
8. c
9. a
10. d

A.G. & S.G. Siddhartha Degree College of Arts & Science  
Vuyyuru-521165, Krishna District, Andhra Pradesh

Bridge Course: 2018-2019

09  
10

Test Exercise:

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  - Detector
  - All
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  - Teflon
  - Polyethylene
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**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course: 2018-2019**

10  
10

**Test Exercise:**

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# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh  
(Managed by: Siddhartha Academy of General & Technical Education,  
Vijayawada-10)

An Autonomous College in the Jurisdiction of Krishna University  
Accredited by NAAC with "A" Grade



## **DEPARTMENT OF Chemistry**

### **Bridge Course**

**2018-19**

Name of the Lecturer	:	M. V. Santhi
Class	:	I B.Sc groups
Duration of the Course	:	10 days

## Syllabus

### Course Details

Unit	Learning Units	Le H
I	<p><b>1. Chemistry of p-block elements</b></p> <p><b>Group 13:</b> Preparation &amp; structure of Diborane, Borazine</p> <p><b>Group 14:</b> Preparation, classification and uses of silicones</p> <p><b>Group 15:</b> Preparation &amp; structures of Phosphonitrilic halides <math>\{(PNCl_2)_n\}</math> where <math>n=3, 4</math></p> <p><b>Group 16:</b> Oxides and Oxoacids of Sulphur (structures only)</p> <p><b>Group 17:</b> Pseudo halogens, Structures of Interhalogen compounds.</p>	
II	<p><b>1. Chemistry of d-block elements:</b> Characteristics of d-block elements with special reference to electronic configuration, variable valence, magnetic properties, catalytic properties and ability to form complexes. Stability of various oxidation states.</p> <p><b>2. Chemistry of f-block elements:</b> Chemistry of lanthanides - electronic structure, oxidation states, lanthanide contraction, consequences of lanthanide contraction, magnetic properties. Chemistry of actinides - electronic configuration, oxidation states, actinide contraction, comparison of lanthanides and actinides.</p> <p><b>3. Theories of bonding in metals:</b> Valence bond theory and free electron theory, explanation of thermal and electrical conductivity of metals based on these theories, Band theory- formation of bands, explanation of conductors, semiconductors and insulators.</p>	
<b>PHYSICAL CHEMISTRY</b>		
III	<p><b>Solid state</b></p> <p>Symmetry in crystals. Law of constancy of interfacial angles. The law of rationality of indices. The law of symmetry. Miller indices, Definition of lattice point, space lattice, unit cell. Bravais lattices and crystal systems. X-ray diffraction and crystal structure. Bragg's law. Powder method. Defects in crystals. Stoichiometric and non-stoichiometric defects.</p>	
IV	<p><b>1. Gaseous state</b></p>	

	<p>Van der Waal's equation of state. Andrew's isotherms of carbon dioxide, continuity of state. Critical phenomena. Relationship between critical constants and vander Waal's constants. Law of corresponding states. Joule- Thomson effect. Inversion temperature.</p> <p><b>2. Liquid state</b></p> <p>Liquid crystals, mesomorphic state. Differences between liquid crystal and solid/liquid. Classification of liquid crystals into Smectic and Nematic. Application of liquid crystals as LCD devices.</p>	
V	<p><b>1. Solutions</b></p> <p>Azeotropes-HCl-H<sub>2</sub>O system and ethanol-water system. Partially miscible liquids-phenol- water system. Critical solution temperature (CST), Effect of impurity on consulate temperature. Immiscible liquids and steam distillation. Nernst distribution law. Calculation of the partition coefficient. Applications of distribution law.</p> <p><b>2. Ionic equilibrium</b></p> <p>Ionic product, common ion effect, solubility and solubility product. Calculations based on solubility product.</p> <p><b>3. Dilute solutions</b></p> <p>Colligative properties- RLVP, Osmotic pressure, Elevation in boiling point and depression in freezing point. Experimental methods for the determination of molar mass of a non-volatile. Solute using osmotic pressure, Elevation in boiling point and depression in freezing point. Abnormal colligative properties. Van't Hoff factor.</p>	16h

**Reference Books:**

1. Principles of physical chemistry by Prutton and Marron
2. Solid State Chemistry and its applications by Anthony R. West
3. Text book of physical chemistry by K L Kapoor
4. Text book of physical chemistry by S Glasstone
5. Advanced physical chemistry by Bahl and Tuli
6. Inorganic Chemistry by J.E. Huheey
7. Basic Inorganic Chemistry by Cotton and Wilkinson
8. A textbook of qualitative inorganic analysis by A.I. Vogel
9. Atkins, P.W. & Paula, J. de Atkin's Physical Chemistry Ed., Oxford University Press



Sl. No.	Name of the student	1	2	3	4	5	6	7	8	Marks
29	Ch. Vamsi Kiran	P	P	P	a	a	P	a	P P	07
30	T. Vineela	P	P	a	P	P	a	P P	P P	07
31	K. Praveen	a	a	P	P	P	P	P P	P P	05
32	T. Niranjan Kumar	P	P	a	P	P	P	P a	P P	08
33	V. Naga Sireesha	P	P	P	P	P	P	P P	P P	10
34	Bibi Rahima	a	a	a	a	a	P	P P	P P	11
35	L. Sai Kumar	a	a	a	a	a	a	P P	P P	5
36	V.K. Sai Chaitanya	a	P	P	P	a	a	P a	a P	AB

## I B. sc (Em) sitting

Roll no	Name of the student	20/6	22/6	27/6	29/6	4/7	8/7	11/7	16/7	19/7	27/7	Marks
18.231	K. Ramanjaneyulu	P	P	P	P	P	P	P	P	P	P	AB
32	A. Manikanta	a	a	P	P	P	P	P	P	P	P	10
33	K. Manasa	P	P	P	P	P	P	P	P	P	P	06
34	T. Hareesh	a	P	P	P	P	P	P	P	P	P	04
35	T. Avinash	a	a	P	P	P	P	a	P	P	P	10
36	Ch. Syam Sri	P	P	P	P	P	P	P	P	P	P	08
37	N. pushpa Sri	a	P	P	P	P	P	a	P	P	P	10
38	S. Vivek	a	P	P	P	P	P	a	P	P	P	06
39	B. Keertana	a	P	P	P	P	P	a	a	P	P	10
40	K. Nikhitha	a	P	P	P	P	P	P	P	P	P	11
41	T. Karthik Babu	P	P	P	P	a	a	P	a	P	P	AB
42	Ch. Sumanth Varma	P	P	P	P	a	P	P	a	P	P	AB
43	Shaik. Shafee	a	a	P	P	a	P	P	P	P	P	7
44	N. Sireesha	a	a	a	a	P	P	P	P	P	P	11
45	J. Mounika	a	a	a	a	P	P	P	P	P	P	06
46	M. Praveen	a	a	a	a	a	P	P	a	P	P	7
47	K. Raj Kumar	a	a	a	a	P	P	P	P	P	P	6
48	Abdul. Jabal.	a	a	a	a	a	P	P	P	P	P	6

Rollno	Name of the Student	2016	2216	2716	2916	417	917	117	1617	1917	2717	Marks
18-501	Syed. Reshma	P	P	a	P	P	P	P	P	P	P	10
2.	M. Hindu priya	P	P	P	a	P	P	P	P	P	P	10
3	B. Sri Sirisha Devi	P	P	P	P	P	P	P	P	P	P	7
4	k. Radha	a	a	a	a	a	a	a	a	a	a	(ab)
5	M. Shainy	P	P	P	P	P	P	P	P	P	P	09
6	k. Gana Hemani	P	a	P	P	P	a	P	P	P	P	08
7	S. Nagamalleswararao	P	P	P	P	P	P	P	P	P	P	04
8	L. pushpa devi	a	P	P	a	P	P	P	P	P	P	AB
9.	B. Nandini	P	P	P	a	P	P	a	P	P	P	09
10	D. pavani	P	P	P	P	P	P	P	P	P	P	AB
11.	J. Deepthi	P	P	P	P	P	P	P	P	P	P	10
12	B. krupa	P	P	P	P	P	P	P	P	P	P	AB
13	S.A. Suseela Devi	P	P	P	a	P	P	P	P	P	P	10
14	J. Bhuvaneshwari	P	P	P	P	a	P	P	P	P	P	08
15	T. Vennela	P	P	P	P	P	P	P	P	P	P	09
16	M. Naga Anjana Devi	P	P	P	P	P	P	P	P	P	P	12
17	N. Jaya Chandra Manasa	P	P	P	P	P	P	P	P	P	P	10
18	G. Dalva Manohar	a	a	P	a	a	P	P	a	P	P	AB
19	Syed Khalid karimulla	P	P	P	P	P	P	P	P	a	P	05
20	B. Teja Prasad.	a	a	a	a	P	P	P	P	P	P	AB
21	D. Jeshnavi	a	a	a	a	a	P	P	P	P	P	07
22	D. Dinakar	a	a	a	a	a	P	P	P	P	P	10
23	v. Anjali.	a	a	a	a	a	P	P	P	a	P	09



Roll no	Name of the student	20/6	22/6	27/6	29/6	4/7	9/7	11/7	16/7	19/7	27/7	Mark
18-201	B. padmanjali	P	P	P	P	P	P	P	P	P	P	10
202	Belg. Khatijabi	P	P	P	P	P	P	P	P	P	P	08
203	A. pavan kumar	a	a	P	P	P	P	P	P	P	P	AB
204	D.ch.V. Manikanta	P	P	P	P	P	P	P	P	P	P	10
205	k. Gowtham	a	a	a	P	P	P	P	P	P	P	AB
206	V. Subhashini	P	P	P	P	P	P	P	P	P	P	12
207	k. Naga Silakshmi	P	P	P	P	P	P	P	P	P	P	09
208	V. Bhargav	P	P	P	P	P	P	P	P	P	P	06
209	P. pavan kumar	a	a	P	P	P	P	P	P	P	P	10
210	M. Rupa Sri Devi	P	P	P	P	P	P	P	P	P	P	AB
211	B. Himabindu	a	a	a	a	P	P	P	P	P	P	04







Roll NO	Name of the Student	1	2	3	4	5	6	7	8	9	10	Marks
459	N. Vasanth Reddy	-	-	-	-	-	P	P	P	P	P	11
460	P. Sai Krishna	-	-	-	-	-	P	P	P	P	P	AB

Total Allotted : 157

Total present : 126

Total Absent : 31

percentage : 80%

Signature of lecturers

1. J. Nagam
2. B. Narayana
3. M. Venkatasaithe
4. G. Rameel

A. Indira  
signature of H.O.D.

D. Balakrishna

signature of principal.

PRINCIPAL

AG & SG Siddhartha Degree College  
Arts & Science (Autonomous), Vuyyuru

A.G. & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), VUYYURU  
(Accredited at "A" Grade by NAAC, Bangalore)  
Academic year 2018-2019, Bridge course paper for 1 B.Sc students

Name of the student:

Class :

Roll no:

MARKS: /25

- The bond order in  $O_2^+$  is the same as in  
a.  ~~$N_2^+$~~       b.  $CN^-$       c.  $NO^+$       d.  $CO$
- Which of the following does not exhibit paramagnetism  
a.  $NO$       b.  $NO_2$       c.  $ClO_2$       d.  ~~$ClO_2^-$~~
- The hybridization of sulphur in sulphur dioxide is  
a.  $SP$       b.  $SP^3$       c.  ~~$SP^2$~~       d.  $dsp^2$
- The formal charges on three O-atoms in  $O_3$  molecule is  
a. 0,0,0      b. 0,0,-1      c. 0,0,+1      d. ~~0,+1,-1~~
- The number of sigma ( $\sigma$ ) and pi ( $\pi$ ) bonds present in a molecule of tetracyanoethylene.  $(CN)_2C=C(CN)_2$  are  
a. 5  $\sigma$  and 9  $\pi$       b. 5  $\sigma$  and 8  $\pi$       c. ~~9  $\sigma$  and 9  $\pi$~~       d. 9  $\sigma$  and 7  $\pi$
- the elements with atomic numbers 9,17,35,53,85 are called  
a. Inert gases      b. ~~Halogens~~      c. Chalcogens      d. Pnicogens
- Which pair atomic numbers represents S-block elements  
a. 7,15      b. 6,12      c. 9,17      d. ~~4,12~~
- Purest form of carbon is  
a. ~~Anthracite~~      b. Coal      c. wood charcoal      d. graphite
- Lead pencil contains  
a. Pb      b. FeS      c. ~~Graphite~~      d. P
- ~~LPG~~ contains mainly  
a. Methane      b. Ethane      c. ~~Butane~~      d. None of these
- $Al_4C_3$  on hydrolysis gives ----- gas  
a.  $C_6H_6$       b.  ~~$CH_4$~~       c.  $C_2H_6$       d.  $C_2H_2$
- Identify the least stable among then following  
a.  ~~$Be^-$~~       b.  $Li^-$       c.  $B^-$       d.  $C^-$

13. Which one of the following compounds is a peroxide

- a.  $\text{NO}_2$       b.  $\text{KO}_2$       c.  $\text{BaO}_2$       d.  $\text{MnO}_2$

14. Which of the following is a primary pollutant

- a.  $\text{CO}$       b. PAN      c. Aldehydes      d.  $\text{H}_2\text{SO}_4$

15. Ozone hole is maximum over

- a. Europe      b. Antarctica      c. India      d. Africa

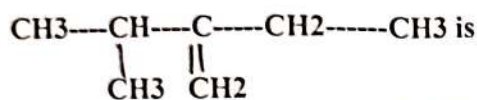
16. Depletion of ozone layer causes

- a. Blood cancer      b. Lung cancer      c. Breast cancer      d. Skin cancer

17. The oxidation number of Cr in  $\text{CrO}_5$  is

- a. +10      b. +6      c. +4      d. +5

18. The IUPAC name for the compound



- a. 2-ethyl-3-methyl but-1-ene      b. 2-isopropyl but 1 ene  
c. 2-methyl-3-ethyl-3-butene      d. 2-(1-methylethyl)but -1-ene

19. The IUPAC name of Urea is----

- a. Diamino ketone      b. Amino methanamide      c. Amino ethanamide      d. Amino acetamide

20. Neoprene is a polymer of the following monomer

- a. Isoprene      b. Iso butane      c. iso pentene      d. chloroprene

21. Nylon 6,6 is obtained from

- a. tetrafluoroethylene      b. Vinyl cyanide      c. Adipic acid and hexamethylene diamine      d. vinyl benzene

22. which of the following is not water soluble vitamin

- a. Vit-A      b. Vit-C      c. Vit-B<sub>6</sub>      d. Vit-B<sub>12</sub>

23. Which of the following is not a vitamin

- a. Thiamin      b. Riboflavin      c. Calcium      d. Vit-B

24. A deficiency of thiamin is Known to cause what condition

- a. Scurvy      b. Beriberi      c. chelitis      d. Pellagra

25. The value of Planck's constant is

- a.  $6.626 \times 10^{-27}$  JS      b.  $6.626 \times 10^{-34}$  JS  
c.  $6.626 \times 10^{-23}$  JS      d.  $6.626 \times 10^{-19}$  JS

THE END



Name of the student: P. Pavan Kumar

Class : 1<sup>st</sup> B.Sc. (T.M)

Roll no: 18-209

MARKS: 10/25

1. The bond order in  $O_2^+$  is the same as in

- a.  $N_2^+$  b.  $CN^-$  c.  $NO^+$  d.  $CO$  ✓

2. Which of the following does not exhibit paramagnetism

- a.  $NO$  b.  $NO_2$  c.  $ClO_2$  ✓ d.  $ClO_2^-$  ✓

3. The hybridization of sulphur in sulphur dioxide is

- a.  $sp$  b.  $sp^3$  ✓ c.  $sp^2$  d.  $dsp^2$  ✓

4. The formal charges on three O-atoms in  $O_3$  molecule is

- a. 0,0,0 b. 0,0,-1 c. 0,0,+1 ✓ d. 0,+1,-1 ✓

5. The number of sigma ( $\sigma$ ) and pi ( $\pi$ ) bonds present in a molecule of tetracyanoethylene,  $(CN)_2C=C(CN)_2$  are

- a. 5  $\sigma$  and 9  $\pi$  b. 5  $\sigma$  and 8  $\pi$  ✓ c. 9  $\sigma$  and 9  $\pi$  d. 9  $\sigma$  and 7  $\pi$  ✓

6. The elements with atomic numbers 9,17,35,53,85 are called

- a. Inert gases b. Halogens ✓ c. Chalcogens d. Pnictogens ✓

7. Which pair atomic numbers represents S-block elements

- a. 7,15 b. 6,12 ✓ c. 9,17 d. 4,12 ✓

8. Purest form of carbon is

- a. Anthracite b. Coal c. wood charcoal d. graphite ✓

9. Lead pencil contains

- a.  $Pb$  ✓ b.  $FeS$  c. Graphite d.  $P$  ✓

10. LPG contains mainly

- a. Methane b. Ethane c. Butane ✓ d. None of these ✓

11.  $Al_4C_3$  on hydrolysis gives ----- gas

- a.  $C_6H_6$  b.  $CH_4$  ✓ c.  $C_2H_6$  d.  $C_2H_2$  ✓

12. Identify the least stable among then following

- a.  $Be^-$  b.  $Li^-$  ✓ c.  $B^-$  d.  $C^-$  ✓

13. Which one of the following compounds is a peroxide

- a.  $\text{NO}_2$       b.  $\text{KO}_2$       c.  $\text{BaO}_2$       d.  $\text{MnO}_2$  ~~X~~

14. Which of the following is a primary pollutant

- a.  $\text{CO}$  ~~✓~~      b. PAN      c. Aldehydes      d.  $\text{H}_2\text{SO}_4$  ~~✓~~

15. Ozone hole is maximum over

- a. Europe      b. ~~Antarctica~~ ~~✓~~      c. India      d. ~~Africa~~ ~~✓~~

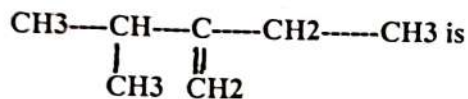
16. Depletion of ozone layer causes

- a. Blood cancer      b. Lung cancer      c. Breast cancer      d. ~~Skin cancer~~ ~~✓~~

17. The oxidation number of Cr in  $\text{CrO}_5$  is

- a. +10      b. ~~+6~~ ~~✓~~      c. +4      d. ~~+5~~ ~~✓~~

18. The IUPAC name for the compound



- a. ~~2-ethyl-3-methyl but-1-ene~~ ~~✓~~      b. ~~2-isopropyl but -1 -ene~~ ~~✓~~  
c. ~~2-methyl-3-ethyl-3-butene~~ ~~✓~~      d. ~~2-(1-methylethyl)but -1-ene~~ ~~✓~~

19. The IUPAC name of Urea is—

- a. Diamino ketone      b. ~~Amino methanamide~~ ~~✓~~      c. Amino ethanamide      d. ~~Amino acetamide~~ ~~✓~~

20. Neoprene is a polymer of the following monomer

- a. Isoprene      b. Iso butane      c. ~~iso pentene~~ ~~✓~~      d. ~~chloroprene~~ ~~✓~~

21. Nylon - 6,6 is obtained from

- a. ~~Tetrafluoroethylene~~ ~~✓~~ b. Vinyl cyanide      c. Adipic acid and hexamethylene diamine      d. ~~Vinyl benzene~~ ~~✓~~

22. Which of the following is not water soluble vitamin

- a. Vit-A      b. ~~Vit-C~~ ~~✓~~      c. ~~Vit-B<sub>6</sub>~~ ~~✓~~      d. ~~Vit-B<sub>12</sub>~~ ~~✓~~

23. Which of the following is not a vitamin

- a. Thiamin      b. ~~Riboflavin~~ ~~✓~~      c. Calcium      d. ~~Vit-H~~ ~~✓~~

24. A deficiency of thiamin is Known to cause what condition

- a. Scurvy      b. Beriberi      c. chelitis      d. ~~Pellagra~~ ~~✓~~

25. The value of Planck's constant is

- a.  $6.626 \times 10^{-27}$  JS      b.  $6.626 \times 10^{-34}$  JS ~~✓~~  
c.  $6.626 \times 10^{-23}$  JS      d.  $6.626 \times 10^{-19}$  JS

THE END

Name of the student: B. keethana

Class : 1<sup>st</sup> B.Sc (M.P.C)

Roll no: 18-239

MARKS: 10/25

1. The bond order in  $O_2^+$  is the same as in

- a.  $N_2^+$  b.  $CN^-$  c.  $NO^+$  d. CO

(a)

2. Which of the following does not exhibit paramagnetism

- a. NO b.  $NO_2$  c.  $ClO_2$  d.  $ClO_2^-$

(d)

3. The hybridization of sulphur in sulphur dioxide is

- a. SP b.  $SP^3$  c.  $SP^2$  d.  $dsp^2$

(c)

4. The formal charges on three O-atoms in  $O_3$  molecule is

- a. 0,0,0 b. 0,0,-1 c. 0,0,+1 d. 0,+1,-1

(d)

5. The number of sigma ( $\sigma$ ) and pi ( $\pi$ ) bonds present in a molecule of tetracyanoethylene,  $(CN)_2C=C(CN)_2$  are

- a. 5  $\sigma$  and 9  $\pi$  b. 5  $\sigma$  and 8  $\pi$  c. 9  $\sigma$  and 9  $\pi$  d. 9  $\sigma$  and 7  $\pi$

(c)

6. The elements with atomic numbers 9,17,35,53,85 are called

- a. Inert gases b. Halogens c. Chalcogens d. Pnicogens

7. Which pair atomic numbers represents S-block elements

- a. 7,15 b. 6,12 c. 9,17 d. 4,12

8. Purest form of carbon is

- a. Anthracite b. Coal c. wood charcoal d. graphite

9. Lead pencil contains

- a. Pb b. FeS c. Graphite d. P

10. LPG contains mainly

- a. Methane b. Ethane c. Butane d. None of these

11.  $Al_4C_3$  on hydrolysis gives \_\_\_\_\_ gas

- a.  $C_6H_6$  b.  $CH_4$  c.  $C_2H_6$  d.  $C_2H_2$

12. Identify the least stable among then following

- a. Be b. Li c. B d. C

(a)

13. Which one of the following compounds is a peroxide

- a.  $\text{NO}_2$       b.  $\text{KO}_2$       c.  $\text{BaO}_2$       d.  $\text{MnO}_2$       (c)

14. Which of the following is a primary pollutant

- a. CO      b. PAN      c. Aldehydes      d.  $\text{H}_2\text{SO}_4$       (a)

15. Ozone hole is maximum over

- a. Europe      b. Antarctica      c. India      d. Africa      (b)

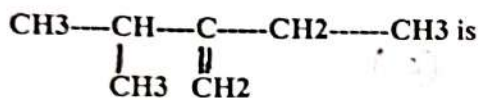
16. Depletion of ozone layer causes

- a. Blood cancer      b. Lung cancer      c. Breast cancer      d. Skin cancer

17. The oxidation number of Cr in  $\text{CrO}_5$  is

- a. +10      b. +6      c. +4      d. +5      (b)

18. The IUPAC name for the compound



- a. 2-ethyl-3-methyl but-1-ene      b. 2-isopropyl but -1 -ene      (a)  
c. 2-methyl-3-ethyl-3-butene      d. 2-(1-methylethyl)but -1-ene

19. The IUPAC name of Urea is—

- a. Diamino ketone      b. Amino methanamide      c. Amino ethanamide      d. Amino acetamide      (b)

20. Neoprene is a polymer of the following monomer

- a. Isoprene      b. Iso butane      c. iso pentene      d. chloroprene      (d)

21. Nylon - 6,6 is obtained from

- a. Tetrafluoroethylene      b. Vinyl cyanide      c. Adipic acid and hexamethylene diamine      d. Vinyl benzene

22. Which of the following is not water soluble vitamin

- a. Vit-A      b. Vit-C      c. Vit- $\text{B}_6$       d. Vit- $\text{B}_{12}$       (a)

23. Which of the following is not a vitamin

- a. Thiamin      b. Riboflavin      c. Calcium      d. Vit-H      (c)

24. A deficiency of thiamin is Known to cause what condition

- a. Scurvy      b. Beriberi      c. chelitis      d. Pellagra      (b)

25. The value of Planck's constant is

- a.  $6.626 \times 10^{-27}$  JS      b.  $6.626 \times 10^{-34}$  JS      (b)  
c.  $6.626 \times 10^{-23}$  JS      d.  $6.626 \times 10^{-19}$  JS

THE END

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

(Managed by: Siddhartha Academy of General & Technical Education, Vijayawada-10)

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade



## Internal Quality Assurance Cell (IQAC)

### Bridge Course

Department : Commerce

Academic year : 2018-2019

Semester : I-B.com , SEM-1 (GEN)

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class :I B.com (GEN)

S. No	Roll No.	Name of the Student	Signature
1.	18.101	Asileti Manasa	A. manasa
2.	18.102	Narisetti Naga Chandrasekhara Babu	N. Chandrasekhara Babu
3.	18.103	Adapa Subhasree	A. Subhasree
4.	18.104	Edpuganti Dileep Kumar	E. Dileep Kumar
5.	18.105	Devarapalli Karthik	D. Karthik
6.	18.106	Daliya Kameswari	D. Kameswari
7.	18.107	Mopidevi Spandana	M. Spandana
8.	18.108	Sunkara Mynadevi	S. Mynadevi
9.	18.109	Thangirala Babu Rao	T. Babu Rao
10.	18.110	Setti Vara Lakshmi	S. Vara Lakshmi
11.	18.111	Velivela Pavan	V. Pavan
12.	18.112	Uppu Lakshmi	U. Lakshmi
13.	18.113	Pamula Praveen Kumar	P. Praveen Kumar
14.	18.114	Khitepalli Siva Nagendra Babu	KS Nagendra Babu
15.	18.115	Nimmakuri Sandeep	N. Sandeep
16.	18.116	Chowdada Mounika	Ch. Mounika

**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course**

**Student Enrolment Sheet**

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S. No	Roll No.	Name of the Student	Signature
1.	18.101	Asileti Manasa	A. manasa
2.	18.102	Narisetti Naga Chandrasekhara Babu	N. Chandrasekhara Babu
3.	18.103	Adapa Subhasree	A. Subhasree
4.	18.104	Edpuganti Dileep Kumar	E. Dileep Kumar
5.	18.105	Devarapalli Karthik	D. Karthik
6.	18.106	Daliya Kameswari	D. Kameswari
7.	18.107	Mopidevi Spandana	M. Spandana
8.	18.108	Sunkara Mynadevi	S. Mynadevi
9.	18.109	Thangirala Babu Rao	T. Babu Rao
10.	18.110	Setti Vara Lakshmi	S. Vara Lakshmi
11.	18.111	Velivela Pavan	V. Pavan
12.	18.112	Uppu Lakshmi	U. Lakshmi
13.	18.113	Pamula Praveen Kumar	P. Praveen Kumar
14.	18.114	Khitepalli Siva Nagendra Babu	K. Siva Nagendra Babu
15.	18.115	Nimmakuri Sandeep	N. Sandeep
16.	18.116	Chowdada Mounika	C. Mounika

17.	18.117	Chowdada Hemalatha	Ch. healatha
18.	18.118	Kongithala Ramu	K. Ramu
19.	18.119	Kongithala Lakshmana Raju	K. Lakshmana Raju
20.	18.120	Maripi Madhu	M. Madhu
21.	18.121	Abdul Vaheed	Abdul vaheed
22.	18.122	Mullapudi Ranjith Kumar	M. Ranjith Kumar
23.	18.123	Adapa Leela Srinivasa Rao	A. Leela Srinivasa Rao
24.	18.124	Goriparthi Sai Ram	G. Sai ram
25.	18.125	Muchhu Chintaiiah	M. chintaiiah
26.	18.126	Jujuvarapu Phanindra	J. Phanindra
27.	18.127	Thota Bhavya Sri	T. Bhavya sri
28.	18.128	Kaile Pradeep	K. Pradeep P.
29.	18.129	Kolanti Dayakar	K. Daya Kar
30.	18.130	Gunja Gowtham Vijay	G. Gowtham Vijay
31.	18.131	Sikatapu Indraja	S. Indraj
32.	18.132	Komilipalem Kavya	K. kavya
33.	18.133	Parise Balakrishna	P. Bala Krishna
34.	18.134	Kodali Rasi	K. Rasi
35.	18.135	Devarakonda Vamsi	D. Vamsi
36.	18.136	Sheik Peer Ahmed	Sk. Peer Ahmed
37.	18.137	Kondaveeti Praveen	K. Praveen
38.	18.138	Merugumala Siva Parvathi	M. Siva Parvathi



39.	18.139	Cherukuri Ganesh	Ch. Ganesh
40.	18.140	Boyina Sai Kiran	B. Sai Kiran
41.	18.141	Veerla Venkata Subrahmanyeswara Rao	V.V. Subrahmanyeswara Rao
42.	18.142	Kommana Gopi	K. Gopi
43.	18.143	Gudivada Johnson Kumar	G. Johnson Kumar
44.	18.144	Veerla Neeraja	V. Neeraja
45.	18.145	Gudeti Varun Kumar	G. Varun Kumar
46.	18.146	Ponnam Sai Sandeep	P. Sai Sandeep
47.	18.147	Todeti Rachana	T. Rachana
48.	18.148	Kolluri Praveen	K. Praveen
49.	18.149	Madda Jyothi	M. Jyothi
50.	18.150	Merakanapalli Ranjit Kumar	M. Ranjit Kumar
51.	18.151	Edpuganti Pavan Kumar	E. Pavan Kumar
52.	18.152	Pappala Naga Jyothi	P.N. Jyothi
53.	18.153	Jonnalagadda Dhana Lakshmi	J. Dhana Lakshmi
54.	18.154	Jonnalagadda Swathi	J. Swathi
55.	18.155	Doppalapudi Bhanu Prasad	D. Bhanu Prasad
56.	18.156	Inamala Sasi Kumar	I. Sasi Kumar
57.	18.157	Jogi Naga Anusha	J.N. Anusha
58.	18.158	Ponnam Amrutha	P. Amrutha
59.	18.159	Veeranki Yamini	V. Yamini

# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

## **Bridge Course**

### **Syllabus**

#### **Accounting For Bridge Course. (15- Hours)**

Units	Topic	Hours
1	Introduction to accounting	3
2	accounting concepts and conservatives	3
3	double entry system of accounting	3
4	journal – ledger	3
5	Subsidiary books, Preparation of trail Balance.	3

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section

: I.B.COM (GEN)

Year

: 2018 Department of: COMMERCE Paper: F.A

Lecturer: K.Venkateswarlu

Sl.No.	Roll No	Student Name	category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1.	18.101	Asileti Manasa	SC	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	17
2	18.102	Narisetti Naga Chandrasekhara Babu	BC-B	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	16
3.	18.103	Adapa Subhasree	OC	P	P	P	A	P	P	A	P	A	P	P	P	P	P	A	A	P	P	P	P	14
4.	18.104	Edpuganti Dileep Kumar	SC	A	A	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	16
5.	18.105	Devarapalli Karthik	SC	P	P	P	A	A	P	P	P	P	P	A	P	P	P	A	A	P	P	P	P	15
5.	18.106	Daliya Kameswari	SC	A	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	A	15
7.	18.107	Mopidevi Spandana	BC-A	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	16
2.	18.108	Sunkara Mynadevi	OC	A	P	P	P	P	P	A	P	P	P	P	P	P	A	A	P	P	A	P	A	14

9.	18.109	Thangirala Babu Rao	SC	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	17
10.	18.110	Setti Vara Lakshmi	BC-D	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	13
11.	18.111	Velivela Pavan	OC	P	A	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	A	P	P	P	13
12.	18.112	Uppu Lakshmi	BC-A	A	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	A	A	P	P	14
13.	18.113	Pamula Praveen Kumar	SC	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	17
14.	18.114	Khitepalli Siva Nagendra Babu	SC	A	P	P	P	P	P	P	A	A	P	P	P	P	P	A	P	P	P	P	P	P	15
15.	18.115	Nimmakuri Sandeep	SC	A	A	P	P	P	P	A	A	P	P	P	P	A	P	P	A	P	P	P	A	A	11
16.	18.116	Chowdada Mounika	BC-D	P	A	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	A	P	P	A	13
17.	18.117	Chowdada Hemalatha	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
18.	18.118	Kongithala Ramu	BC-D	P	A	P	P	P	A	P	P	A	A	P	P	P	P	A	P	A	P	P	P	P	14
19.	18.119	Kongithala Lakshmana Raju	BC-D	A	A	A	P	P	P	P	A	P	P	P	P	P	P	P	A	A	P	P	P	A	14
20.	18.120	Maripi Madhu	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
21.	18.121	Abdul Vahced	BC-E	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	14

22.	18.122	Mudlapudi Ranjith Kumar	SC	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	09
23.	18.123	Adapa Leela Srinivasa Rao	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
24.	18.124	Goriparthi Sai Ram	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
25.	18.125	Muchhu Chintiah	BC-D	A	A	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	12
26.	18.126	Jujjuvarapu Phanindra	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
27.	18.127	Thota Bhavya Sri	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	18
28.	18.128	Kaile Pradeep	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
29.	18.129	Kolanti Dayakar	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
30.	18.130	Gunja Gowtham Vijay	SC	A	A	A	A	A	P	P	P	P	P	P	P	P	A	A	A	A	A	A	A	A	A	A	11
31.	18.131	Sikatapu Indrāja	BC-D	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	16
32.	18.132	Komilipalem Kavya	BC-B	P	P	P	A	P	P	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	A	A	14
33.	18.133	Parise Balakrishna	BC-D	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	16
34.	18.134	Kodali Rasi	SC	P	P	P	A	A	P	P	P	P	A	A	A	P	A	A	P	P	P	P	P	P	P	P	15
35.	18.135	Devarakonda Vamsi	ST	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	A	A	A	15
36.	18.136	Sheik Peer Ahmed	BC-E	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	16



50.	18.150	Merakanapalli Ranjit Kumar	SC	P	A	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	P	14
51.	18.151	Edduganti Pavan Kumar	SC	A	A	A	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A	A	09
52.	18.152	Pappala Naga Jyothi	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
53.	18.153	Jonnalagadda Dhana Lakshmi	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
54.	18.154	Jonnalagadda Swathi	BC-D	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	12
55.	18.155	Doppalapudi Bhanu Prasad	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
56.	18.156	Inamala Sasi Kumar	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18
57.	18.157	Jogi Naga Anusha	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
58.	18.158	Ponnam Amrutha	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
59.	18.159	Veeranki Yamini	BC-B	A	A	A	A	A	P	P	P	P	P	P	P	A	A	A	A	A	A	A	11

*K. Venkataswamyulu*  
Lecturer

*K. Venkataswamyulu*  
Head of the Department  
Department of Commerce  
S.G.S. Degree College  
521 165

*Shyama*  
Principal  
AG & SG Siddhartha Degree College of  
Arts & Science (Autonomous), Vayyalam

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh  
(Managed by: Siddhartha Academy of General & Technical Education, Vijayawada-10)  
An Autonomous College in the Jurisdiction of Krishna University  
Accredited by NAAC with "A" Grade



## Internal Quality Assurance Cell (IQAC)

### Bridge Course

Department : Commerce

Academic year : 2018-2019

Semester : I- B.com , SEM -1 (CA)



# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class :I B.com (CA)

S. No	Roll No.	Name of the Student	Signature
1.	18.801	Naseema Begum	Naseema Begum
2.	18.802	Mareedu Joshika	Mareedu Joshika
3.	18.803	Mutchu Lakshmi Durga	M. Lakshmi Durga
4.	18.804	Maddula Lakshmi	M. Lakshmi
5.	18.805	Katla Prasanna	K. Prasanna
6.	18.806	Koppula Rajitha	K. Rajitha
7.	18.807	Kondiparthi Navya Sri	K. Navya Sri
8.	18.808	Daram Pragathi	D. pragathi
9.	18.809	Yenugudhati Ganesh Rama Raju	Y. G. Rama Raju
10.	18.810	Vandana Himabindu	B. Himabindu.
11.	18.811	Shaik Muneera Begum	sk. muneera begum
12.	18.812	Medaboyina Vijaya Lakshmi	M. Vijaya Lakshmi
13.	18.813	Pamarthi Haritha	P. Haritha
14.	18.814	Akunuri Chandu	A. chandu
15.	18.815	Ganjala Anjani	Ganjala Anjani
16.	18.816	Myneni Pavani	M. Pavani
17.	18.817	Madari Jayaprakash	M. Jaya Prakash

18.	18.818	Mikkili Omkar	M. Omkar
19.	18.819	Verijarla Haripujitha	V. Haripujitha
20.	18.820	Mamidi Hima Bindu	M. Hima Bindu
21.	18.821	Abdul Sultana	Abdul. Sultana
22.	18.822	Jampana Harika	J. Harika
23.	18.823	Satyavolu Sai Srinivasa Phani Kalyan	S. S. Srinivasa Phani Kalyan
24.	18.824	Kukkala Lokesh	K. Lokesh
25.	18.825	Kolli Bhima Narayana	K. Bhima Narayana
26.	18.826	Kuchipudi Mounika	K. Mounika
27.	18.827	Sunkara Dileep Kumar	S. Dileep Kumar
28.	18.828	Syed Faizuddin	Syed Faizuddin
29.	18.829	Indupally Naveen	I. Naveen
30.	18.830	Bolla Sumalatha	B. Sumalatha
31.	18.831	Bolem Sasirekha	B. Sasirekha
32.	18.832	Kondaveeti Prathima	K. Prathima
33.	18.833	Yenigalla Satya Siva Sankar	Y. Satya Siva Sankar
34.	18.834	Mallampalli Sanjay	M. Sanjay
35.	18.835	Manchala Prem Kumar	M. Prem Kumar
36.	18.836	Gunja Sai Kiran	G. Sai Kiran
37.	18.837	Bravara Durga Bhavani	B. Durga bhavani
38.	18.838	Tata Lavanya	T. Lavanya
39.	18.839	Goriparthi Gopi	G. Gopi
40.	18.840	Murala Srivani	M. Srivani

41.	18.841	Meesala Chintaiiah	M. Chintaiiah
42.	18.842	Pinisetty Naga Naveen	P. Naga Naveen
43.	18.843	Bhale Trivenika	B. Trivenika
44.	18.844	Fathima Zahera	Fathima Zahera
45.	18.845	Rompicherla Gopi Venkata Ram	R. Gopiventataram
46.	18.846	Yanduri Thirumal G Satyanarayana	Y. G. Satyanarayana
47.	18.847	Bokinala Rakesh	B. Rakesh
48.	18.848	Olipilli Bhavani	O. Bhavani
49.	18.849	Vuyyuru Kranthi Kiran	V. Kranthi Kiran
50.	18.850	Kuppala Seetaramaiah	K. Seetaramaiah
51.	18.851	Kodali Praveen Kumar	K. Praveen Kumar
52.	18.852	Vuyyuru Yamini	V. Yamini
53.	18.853	Perla Bhavya	P. Bhavya
54.	18.854	Konatham Yamini	K. Yamini
55.	18.855	Dasari Bhavaneswari	D. Bhavaneswari
56.	18.856	Pedasanaganti Romiya	P. Romiya
57.	18.857	Shaik Abdul Rahim	Sk. Abdul Rahim
58.	18.858	Chitturi Lakshmi Sudha	Ch. Lakshmi Sudha
59.	18.859	Kunapareddy Manu Prasanna	Km. Prasanna
60.	18.860	Abdul Mymunnisa Begum	Ab. mymunnisa begum
61.	18.861	Katakam Kalyan	K. Kalyan

**Bridge Course**

**Syllabus**

**Accounting For Bridge Course. (15- Hours)**

Units	Topic	Hours
1	Introduction to accounting	3
2	accounting concepts and conservatives	3
3	double entry system of accounting	3
4	journal – ledger	3
5	Subsidiary books, Preparation of trail Balance.	3

**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh  
**Bridge Course - Attendance Register**

Class / Section : **IB.COM (CA)** Year : **2018** Department of: **COMMERCE** Paper: **F.A** Lecturer: **K. Venkateswarlus**

Sl.No.	Roll No	Student Name	category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1.	18.801	Naseema Begum	BC-E	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	17
2.	18.802	Mareedu Joshika	BC-B	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	16
3.	18.803	Murchu Lakshmi Durga	BC-D	P	P	P	A	P	P	A	P	A	P	P	P	P	P	A	A	P	P	P	A	14
4.	18.804	Maddula Lakshmi	SC	A	A	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	16
5.	18.805	Katla Prasanna	BC-B	P	P	P	A	A	P	P	P	P	P	A	P	P	A	A	A	P	P	P	P	15
6.	18.806	Koppula Rajitha	SC	A	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	15
7.	18.807	Kondiparthi Naraya Sri	OC	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	16
8.	18.808	Daram Pragathi	SC	A	P	P	P	P	P	A	P	P	P	P	P	P	A	A	P	P	A	P	A	14
9.	18.809	Yenugdhathi Ganesh Rama Raju	BC-D	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	17
10.	18.810	Vandana Himabindu	BC-D	A	A	A	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	A	A	13









53.	18.853	Perla Bhavya	OC	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	11
54.	18.854	Konatham Yamini	BC-D	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	09
55.	18.855	Dasari Bhavanawari	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
56.	18.856	Pedasanaganti Romiya	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
57.	18.857	Shaik Abdul Rahim	BC-B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	P	A	P	P	P	P	P	12
58.	18.858	Chitturi Lakshmi Sudha	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
59.	18.859	Kunapareddy Manu Prasanna	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	18
60.	18.860	Abdul Mymunnisa Begum	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
61.	18.861	Katakam Kalyan	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20

*K. Venkateswara Reddy*  
Lecturer

*K. Venkateswara Reddy*  
Head of the Department

Head of the Department  
Department of Commerce  
A.G. & S.G.S. Degree College  
VUYURU - 521 165

*Shruti*  
Principal  
PRINCIPAL

AG & SG Siddharta Degree College  
Arts & Science (Autonomous), Vuyuru

**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
(An Autonomous College in the Jurisdiction of Krishna University)  
Vuyyuru-521165, Krishna District, Andhra Pradesh  
NAAC Accredited with "A" Grade



**DEPARTMENT OF COMPUTER SCIENCE**

**Bridge Course**

Department : Computer Science  
Academic year : 2018-19  
Semester : I

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class : I B.Sc (MPCs)

S.No:	Roll.No	Student Name	Student Signature
1	18.601	Kancharla Tejaswini	K. Tejaswini
2	18.602	Gowsiya Parveen	G. Parveen
3	18.603	Vaka Meena Koteswari	V. Meena Koteswari
4	18.604	Pidugu Akhila	P. Akhila
5	18.605	Muppidi Deepika	M. Deepika
6	18.606	Tellakula Ganga Bhavani	T. Ganga Bhavani
7	18.607	Chandana Syamala Devi	C. Syamala Devi
8	18.608	Kalari Devi Venkata Naga Vara Priya	K. Devi Venkata Naga Vara Priya
9	18.609	Mokkapati Baby Naga Venkata Reshma	M. Baby Naga Venkata Reshma
10	18.610	Battula Sumanth	B. Sumanth
11	18.611	Kaile Pranav Sanjay	K. Pranav Sanjay
12	18.612	Gujjula Deepika	G. Deepika
13	18.613	Ede Sirisha	E. Sirisha
14	18.614	Sheik Sufiya	Sk. Sufiya
15	18.615	Raziya Begum	Raziya Begum
16	18.616	Cheeli Sudha Veneela Rani	C. Sudha Veneela Rani
17	18.617	Ponnala Kishore	P. Kishore
18	18.618	Parimi Syam Babu	P. Syam Babu
19	18.619	Parise Tejaswani	P. Tejaswani
20	18.620	Parise Torana Kumari	P. Torana Kumari
21	18.621	Jogi Lihalya	J. Lihalya
22	18.622	Kodali Meghana	K. Meghana
23	18.623	Kella Dinesh Phani	K. Dinesh Phani
24	18.624	Shaik Shaheena Begum	S. Shaheena Begum
25	18.625	Pedapudi Naga Lakshmi	P. Naga Lakshmi
26	18.626	Vutukuri Niharika	V. Niharika
27	18.627	Shaik Karishma	Sk. Karishma
28	18.628	Chalamalasetty Deepthi	Ch. Deepthi
29	18.629	Gandham Anjaneyulu	G. Anjaneyulu
30	18.630	Padamata Anusha	P. Anusha
31	18.631	Moturi Bhavyasri	M. Bhavyasri

32	18.632	Ponugumati Kiran Raju	P. Kiran Raju.
33	18.633	Mekala Veera Malli Babu	M. Veeramalli Babu.
34	18.634	Inala Devi	I. Devi
35	18.635	Konatham Vijaya Lakshmi	K. Vijaya Lakshmi
36	18.636	Jampana Siva Parvathi	J. Siva Parvathi
37	18.637	Tripuram Divya	T. Divya
38	18.638	Mallela Anjaneyulu	M. Anjaneyulu.
39	18.639	Muhammad Afreeen	M. Afreeen
40	18.640	Nallagulla Indumathi	N. Indumathi
41	18.641	Veeravarapu Bhargavi	V. Bhargavi
42	18.642	Mohammad Sabhiya Begum	M. Sabhiya Begum
43	18.643	Tumati Gopi Krishna	T. Gopi Krishna
44	18.644	Kollipara Pavan Bharadwaj	K. Pavan Bharadwaj
45	18.645	Lakshmipuram Mounika	L. Mounika
46	18.646	Arilli Kanaka Durga	A. Kanaka Durga
47	18.647	Mohammad Salman	M. Salman.
48	18.648	Parupudi Pravallika	P. Pravallika
49	18.649	Alla Jahnvi	A. Jahnvi
50	18.650	Arepalli Ratnavalli Chandrika	A. Ratnavalli Chandrika
51	18.651	Mopidevi Hemanthakumar	M. Hemanthakumar
52	18.652	Jampana Rishitha Sree	J. Rishitha Sree
53	18.653	Umme Tasneem Firdose	U. Tasneem Firdose
54	18.654	Rajulapati Renuka Venkata Thirupatamma	R. R. V. Thirupatamma
55	18.655	Sirigineedi Mani Kanta	S. Mani Kanta.
56	18.656	Vinnakota Anusha	V. Anusha
57	18.657	Medikonda Sai Susmitha	M. Sai Susmitha
58	18.658	Puvvada Mounika	P. Mounika
59	18.659	Cheeli Lakshmi Priya	C. Lakshmi Priya
60	18.660	Mohammad Ibrahim	M.D. Ibrahim

Class : I B.Sc (MCCs)

S.No	Roll. No	Student Name	Student Signature
1	18.701	Naralasetti Pujitha	N. Pujitha
2	18.702	Rehana Sultana	R. Sultana
3	18.703	Chikkavarapu Sowmya	C. Sowmya
4	18.704	Udugula Sandhya	U. Sandhya
5	18.705	Shaik Shabana	Sk. Shabana
6	18.706	Mahali Bhuvana	M. Bhuvana
7	18.707	Veeramallu Venkatesh	V. Venkatesh
8	18.708	Pallikonda Srividya	P. Srividya
9	18.709	Venna Sai Kumar	V. Sai Kumar
10	18.710	Jayavarapu Hari Krishna	J. Hari Krishna
11	18.711	Jittu Lakshmi(Games)	J. Lakshmi
12	18.712	Azmeera Swathi	A. Swathi
13	18.713	Valluru Sruthi	V. Sruthi
14	18.714	Ganjala Anusha	G. Anusha
15	18.715	Nadakuduru Manilal	M. Manilal
16	18.716	Gaddam Navya	G. Navya
17	18.717	Katta Sri Anjali	K. Sri Anjali
18	18.718	Allu Gouthami	A. Gouthami
19	18.719	Adapa Deepika	A. Deepika
20	18.720	Nimmakayala Chandrasekhar	N. Chandrasekhar
21	18.721	Alla Venkata Sai	A. Venkata Sai
22	18.722	Bellam Jhansi	B. Jhansi
23	18.723	Kodeboyina Devi Ruchitha	K. Devi Ruchitha
24	18.724	Kondiparthi Dhana Lakshmi	K. Dhana Lakshmi
25	18.725	Edupuganti Manoj Kumar	E. Manoj Kumar
26	18.726	Dokku Tulasi Krishna	D. Tulasi Krishna
27	18.727	Srikakulapu Hemanth Kumar	S. Hemanth Kumar
28	18.728	Valluru Sri Naga Tirusha	V. Sri Naga Tirusha
29	18.729	Menda Venkateswara Rao	M. Venkateswara Rao
30	18.730	Mediseti Siva Mani	M. Siva Mani
31	18.731	Mopidevi Suvarnavalli	M. Suvarnavalli
32	18.732	Arige Venkata Sai Madhav Babu	A. Venkata Sai Madhav
33	18.733	Anaparthi Masthanbi	A. Masthanbi
34	18.734	Veeragani Shanmukha Priya	V. Shanmukha Priya
35	18.735	Pamarthi Anil Kumar	P. Anil Kumar
36	18.736	Kolusu Veera Vara Prasad	K. Veera Vara Prasad

37	18.737	Shaik Karishma Begum	Sk. Karishma Begum
38	18.738	Bheri Ruchitha	B. Ruchitha
39	18.739	Gantala Bhargavi	G. Bhargavi
40	18.740	Desavath Sowmya	D. Sowmya
41	18.741	Indupalli Tejaswi	I. Tejaswi
42	18.742	Karaki Venkata Siva Hemanth Kumar	KV S Hemanth Kumar
43	18.743	Ranga Nagalakshmi	R. Nagalakshmi
44	18.744	Arepalli Rajeswari	A. Rajeswari
45	18.745	Kumarapu Hema Latha	K. Hema Latha
46	18.746	Pamarthi Divya	P. Divya
47	18.747	Jonnalagadda Venkata Sai Priya	J. Venkata Sai Priya
48	18.748	Morampudi Asritha	M. Asritha
49	18.749	Abdul Kareem Shoyed	Abdul Kareem Shoyed
50	18.750	Pasham Divya Durga	P. Divya Durga
51	18.751	Kolukonda Shantan Ravi Kumar	K. Shantan Ravi Kumar
52	18.752	Shaik Ayesha Begum	Slc. Ayesha Begum
53	18.753	Putti Divya	P. Divya
54	18.754	Arepalli Bhanusri	A. Bhanusri
55	18.755	Kilarapu Anusha	K. Anusha
56	18.756	Viswanadhapalli Vinaisi	V. Vinaisi
57	18.757	Veerla Sai Durga	V. Sai Durga
58	18.758	Ummadisetti Naveena	U. Naveena
59	18.759	Naredla Vasanth Reddy	N. Vasanth Reddy
60	18.760	Paladugu Sai Krishna Chowdary	P. Sai Krishna Chowdary

Class: I B.Com (CA)

S. No	Roll. No	Student Name	Student Signature
1	18.801	Naseema Begum	Naseema Begum
2	18.802	Mareedu Joshika	M. Joshika
3	18.803	Mutchu Lakshmi Durga	M. lakshmi Durga
4	18.804	Maddula Lakshmi	M. Lakshmi
5	18.805	Katla Prasanna	K. Prasanna
6	18.806	Koppula Rajitha	K. Rajitha
7	18.807	Kondiparthi Navya Sri	K. Navya Sri
8	18.808	Daram Pragathi	D. Pragathi
9	18.809	Yenugudhati Ganesh Rama Raju	Y. Ganesh Ramaraju
10	18.810	Vandana Himabindu	V. Himabindu
11	18.811	Shaik Muneera Begum	S. Muneera Begum
12	18.812	Medaboyina Vijaya Lakshmi	M. vijaya lakshmi
13	18.813	Pamarthi Haritha	P. Haritha
14	18.814	Akunuri Chandu	Achandu
15	18.815	Ganjala Anjani	G. Anjani
16	18.816	Myneni Pavani	M. Pavani
17	18.817	Madari Jayaprakash	M. Jayaprakash
18	18.818	Mikkili Omkar	M. Omkar
19	18.819	Verijarla Haripujitha	V. Haripujitha
20	18.820	Mamidi Hima Bindu	M. Hima bindu
21	18.821	Abdul Sultana	A. sultana
22	18.822	Jampana Harika	J. Harika
23	18.823	Satyavolu Sai Srinivasa Phani Kalyan	S. Sai srinivase phani kalyan
24	18.824	Kukkala Lokesh	K. lokesh
25	18.825	Kolli Bhima Narayana	K. Bhima Narayana
26	18.826	Kuchipudi Mounika	K. Mounika
27	18.827	Sunkara Dileep Kumar	S. dileep kumar
28	18.828	Syed Faizuddin	Sd. Faizuddin
29	18.829	Indupally Naveen	I. Naveen
30	18.830	Bolla Sumalatha	B. Sumalatha
31	18.831	Bolem Sasirekha	B. Sasirekha
32	18.832	Kondaveeti Prathima	K. Prathima
33	18.833	Yenigalla Satya Siva Sankar	Y. Satya siva Sankar
34	18.834	Mallampalli Sanjay	M. Sanjay
35	18.835	Manchala Prem Kumar	M. Prem Kumar
36	18.836	Gunja Sai Kiran	G. sai kiran
37	18.837	Bravara Durga Bhavani	B. Durga Bhavani
38	18.838	Tata Lavanya	T. Lavanya
39	18.839	Goriparthi Gopi	G. Gopi

40	18.840	Murala Srivani	M. Srivani
41	18.841	Meesala Chintaiiah	M. Chintaiiah
42	18.842	Pinisetty Naga Naveen	P. Naga Naveen
43	18.843	Bhale Trivenika	B. Trivenika
44	18.844	Fathima Zahera	Fathima Zahera
45	18.845	Rompicherla Gopi Venkata Ram	R. Gopi Venkata Ram
46	18.846	Yanduri Thirumal G Satyanarayana	Y. Thirumal G Satyanarayana
47	18.847	Bokinala Rakesh	B. Rakesh
48	18.848	Olipilli Bhavani	O. Bhavani
49	18.849	Vuyyuru Kranthi Kiran	V. Kranthi Kiran
50	18.850	Kuppala Seetaramaiah	K. Seetaramaiah
51	18.851	Kodali Praveen Kumar	K. Praveen Kumar
52	18.852	Vuyyuru Yamini	V. Yamini
53	18.853	Perla Bhavya	P. Bhavya
54	18.854	Konatham Yamini	K. Yamini
55	18.855	Dasari Bhavaneswari	D. Bhavaneswari
56	18.856	Pedasanaganti Romiya	P. Romiya
57	18.857	Shaik Abdul Rahim	S. Abdul Rahim
58	18.858	Chitturi Lakshmi Sudha	Ch. Lakshmi Sudha
59	18.859	Kunapareddy Manu Prasanna	K. Manu Prasanna
60	18.860	Abdul Mymunnisa Begum	Abdul Mymunnisa Begum
61	18.861	Katakam Kalyan	K. Kalyan
62	18.862	Nakka Navya Naga Sri	N. Navya Naga Sri
63	18.863	Tupati Pavan Kumar	T. Pavan Kumar
64	18.864	Matta Anusha	M. Anusha
65	18.865	Sirivella Manohar	S. Manohar
66	18.866	Asileti Salmon Raju	A. Salmon Raju
67	18.867	Mareedu Sai Babu	M. Sai Babu
68	18.868	Osuri Jyotsna Rani	O. Jyotsna Rani
69	18.870	Gurivindapalli Buela	G. Buela
70	18.871	Devineni Siva Rama Krishna	D. Siva Rama Krishna

Signature of the Lecturer

Signature of the H.O.D.

Signature of the Principal  
PRINCIPAL

AG & SG Siddhartha Degree College of  
Arts & Science (Autonomous), Vuyyuru



Bridge Course

**Syllabus**

**Module I: Fundamentals of Computers:**

Definition of Computer, Characteristics of Computer, Limitations of Computer, History of Computer, Classification of Computer, Applications of Computer, Generations of Computer, Block Diagram of Computer.

**Module II: Components of Computer System:**

Keyboard, Mouse, Scanner, Joystick, Light pen, Touchpad, Touch Screen, Barcode Scanner, Microphone, Monitor, Projector, Printers, Plotter, Speakers, RAM, ROM, Magnetic Tape, Floppy Disk, Optical Disk, Magnetic Disk, Pen Drive, Cache Memory

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

**Class : I B.Sc (MPCs)**

S. No	Roll. No	Student Name	1	2	3	4	5	6	7	8	9	10	Tot
1	18.601	Kancharla Tejaswini	P	P	P	a	P	P	a	P	P	P	
2	18.602	Gowsiya Parveen	P	P	a	P	P	a	P	P	P	P	
3	18.603	Vaka Meena Koteswari	P	P	P	P	P	P	P	P	P	P	
4	18.604	Pidugu Akhila	P	P	P	a	P	P	P	P	P	P	
5	18.605	Muppidi Deepika	P	P	P	P	P	P	P	P	P	P	
6	18.606	Tellakula Ganga Bhavani	P	P	P	P	P	P	a	P	P	P	
7	18.607	Chandana Syamala Devi	P	P	P	P	P	P	P	P	P	P	
8	18.608	Kalari Devi Venkata Naga Vara Priya	P	P	a	P	P	P	P	P	a	P	
9	18.609	Mokkapati Baby Naga Venkata Reshma	P	P	P	P	P	P	P	P	P	P	
10	18.610	Battula Sumanth	P	P	P	P	P	a	P	P	P	P	
11	18.611	Kaile Pranav Sanjay	P	P	P	P	P	P	P	P	P	P	
12	18.612	Gujjula Deepika	P	a	P	P	P	P	P	P	P	P	
13	18.613	Ede Sirisha	P	P	P	P	P	P	a	P	P	P	
14	18.614	Sheik Sufiya	P	P	P	P	P	P	P	P	P	P	
15	18.615	Raziya Begum	P	P	P	a	P	P	P	P	P	P	
16	18.616	Cheeli Sudha Veneela Rani	P	P	P	P	P	P	P	P	P	P	
17	18.617	Ponnala Kishore	P	P	P	P	P	P	P	a	P	P	
18	18.618	Parimi Syam Babu	P	P	P	P	P	P	P	P	P	P	
19	18.619	Parise Tejaswani	P	P	P	P	P	P	P	P	a	P	
20	18.620	Parise Torana Kumari	P	a	P	P	P	P	P	P	P	P	
21	18.621	Jogi Lihalya	P	P	P	P	P	a	P	P	P	P	
22	18.622	Kodali Meghana	P	P	a	P	P	P	P	P	P	P	
23	18.623	Kella Dinesh Phani	P	P	P	P	P	P	P	a	P	P	
24	18.624	Shaik Shaheena Begum	P	P	P	a	P	P	P	P	P	P	
25	18.625	Pedapudi Naga Lakshmi	P	P	P	P	P	P	P	P	P	a	
26	18.626	Vutukuri Niharika	P	a	P	P	P	P	P	P	P	P	
27	18.627	Shaik Karishma	P	P	P	P	P	P	P	P	P	P	
28	18.628	Chalamalasetty Deepthi	P	P	P	P	P	a	P	P	P	P	
29	18.629	Gandham Anjaneyulu	P	P	P	P	P	P	P	P	P	P	
30	18.630	Padamata Anusha	P	P	a	P	P	P	P	P	P	P	
31	18.631	Moturi Bhavyasri	P	P	P	P	P	P	P	a	P	P	

32	18.632	Ponugumati Kiran Raju	P	P	a	P	P	P	P	P	P	P	P
33	18.633	Mekala Veera Malli Babu	P	P	P	P	P	a	P	P	P	P	P
34	18.634	Inala Devi	P	P	P	a	P	P	P	P	a	P	P
35	18.635	Konatham Vijaya Lakshmi	P	P	P	P	P	P	P	P	P	P	P
36	18.636	Jampana Siva Parvathi	P	a	P	P	P	P	P	P	P	P	P
37	18.637	Tripuram Divya	P	P	P	P	P	P	P	a	P	P	P
38	18.638	Mallela Anjaneyulu	P	P	P	P	P	P	P	P	P	P	P
39	18.639	Muhammad Afreen	P	P	P	P	a	P	P	P	P	P	P
40	18.640	Nallagulla Indumathi	P	P	P	P	P	P	P	P	P	P	P
41	18.641	Veeravarapu Bhargavi	P	P	a	P	P	P	P	a	P	P	P
42	18.642	Mohammad Sabhiya Begum	P	P	P	P	P	P	P	P	P	P	P
43	18.643	Tumati Gopi Krishna	P	P	P	P	P	a	P	P	P	P	P
44	18.644	Kollipara Pavan Bharadwaj	P	P	P	P	P	P	P	P	P	P	P
45	18.645	Lakshmipuram Mounika	P	a	P	P	P	P	P	P	P	P	P
46	18.646	Arilli Kanaka Durga	P	P	P	P	P	P	a	P	P	P	P
47	18.647	Mohammad Salman	P	P	P	P	P	P	P	P	P	P	P
48	18.648	Parupudi Pravallika	P	P	P	a	P	P	P	a	P	P	P
49	18.649	Alla Jahnavi	P	P	P	P	P	P	P	P	P	P	P
50	18.650	Arepalli Ratnavalli Chandrika	P	P	a	P	P	P	a	P	P	P	P
51	18.651	Mopidevi Hemanthakumar	P	P	P	P	P	P	P	P	P	P	P
52	18.652	Jampana Rishitha Sree	P	P	P	P	P	P	a	P	P	P	P
53	18.653	Umme Tasneem Firdose	P	P	P	P	P	P	P	P	P	P	P
54	18.654	Rajulapati Renuka Venkata Thirupatamma	P	P	a	P	P	P	P	P	P	P	P
55	18.655	Sirigineedi Mani Kanta	P	P	P	P	P	P	P	P	P	P	P
56	18.656	Vinnakota Anusha	P	P	P	P	a	P	P	a	P	P	P
57	18.657	Medikonda Sai Susmitha	P	P	P	P	P	P	P	P	P	P	P
58	18.658	Puvvada Mounika	P	P	a	P	P	P	P	P	P	P	P
59	18.659	Cheeli Lakshmi Priya	P	P	P	P	P	P	P	P	P	P	P
60	18.660	Mohammad Ibrahim	P	P	P	P	P	P	a	P	P	P	P

Class : I B.Sc (MCCs)

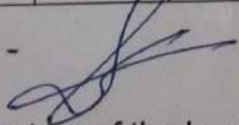
S. No	Roll. No	Student Name	1	2	3	4	5	6	7	8	9	10	Tot
1	18.701	Naralasetti Pujitha	P	P	P	a	P	P	P	P	P	P	
2	18.702	Rehana Sultana	P	P	P	P	P	P	P	P	P	P	
3	18.703	Chikkavarapu Sowmya	P	P	P	P	P	P	P	P	P	P	
4	18.704	Udugula Sandhya	P	P	P	P	P	P	a	P	P	P	
5	18.705	Shaik Shabana	P	P	P	P	P	P	P	P	P	P	
6	18.706	Mahali Bhuvana	P	P	a	P	P	P	P	P	P	P	
7	18.707	Veeramallu Venkatesh	P	P	P	P	P	P	P	P	P	P	
8	18.708	Pallikonda Srividya	P	P	P	P	P	P	P	P	P	P	
9	18.709	Venna Sai Kumar	P	P	P	P	P	P	a	P	P	P	
10	18.710	Jayavarapu Hari Krishna	P	P	P	P	P	P	P	P	P	P	
11	18.711	Jittu Lakshmi(Games)	P	P	a	P	P	P	P	P	P	P	
12	18.712	Azmeera Swathi	P	P	P	P	P	P	P	a	P	P	
13	18.713	Valluru Sruthi	P	P	P	P	P	P	P	P	P	P	
14	18.714	Ganjala Anusha	P	P	P	P	P	P	a	P	P	P	
15	18.715	Nadakuduru Manilal	P	P	P	P	P	P	P	P	P	P	
16	18.716	Gaddam Navya	P	P	P	a	P	P	a	P	P	P	
17	18.717	Katta Sri Anjali	P	P	P	a	P	P	P	P	P	P	
18	18.718	Allu Gouthami	P	P	P	P	P	P	P	P	P	P	
19	18.719	Adapa Deepika	P	P	P	P	P	P	a	P	P	P	
20	18.720	Nimmakayala Chandrasekhar	P	P	P	P	P	P	P	P	P	P	
21	18.721	Alla Venkata Sai	P	P	a	P	P	P	P	P	P	P	
22	18.722	Bellam Jhansi	P	P	P	P	P	P	P	P	P	P	
23	18.723	Kodeboyina Devi Ruchitha	P	P	P	P	P	a	P	P	P	P	
24	18.724	Kondiparthi Dhana Lakshmi	P	P	P	P	P	P	P	P	P	P	
25	18.725	Edupuganti Manoj Kumar	P	P	a	P	P	P	P	P	P	P	
26	18.726	Dokku Tulasi Krishna	P	P	P	P	P	P	P	P	P	P	
27	18.727	Srikakulapu Hemanth Kumar	P	P	P	P	a	P	P	P	P	P	
28	18.728	Valluru Sri Naga Tirusha	P	P	a	P	P	P	P	P	P	P	
29	18.729	Menda VenkateswaraRao	P	P	P	P	P	P	P	a	P	P	
30	18.730	Mediseti Siva Mani	P	P	P	P	P	P	P	P	P	P	
31	18.731	Mopidevi Suvarnavalli	P	P	P	P	a	P	P	P	P	P	
32	18.732	Arige Venkata Sai Madhav Babu	P	P	P	P	P	P	a	P	P	P	
33	18.733	Anaparathi Masthanbi	P	P	a	P	P	P	P	P	P	P	
34	18.734	Veeragani Shanmukha Priya	P	P	P	P	P	P	a	P	P	P	
35	18.735	Pamarthi Anil Kumar	P	P	P	P	a	P	P	P	P	P	

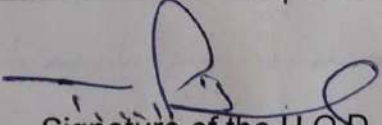
36	18.736	Kolusu Veera Vara Prasad	P	P	P	P	P	P	P	P	P	P	P
37	18.737	Shaik Karishma Begum	P	P	P	a	P	P	P	P	P	P	P
38	18.738	Bheri Ruchitha	P	P	P	P	P	a	P	P	P	P	P
39	18.739	Gantala Bhargavi	P	P	P	P	P	P	P	P	P	P	P
40	18.740	Desavath Sowmya	P	P	P	P	P	a	P	P	P	P	P
41	18.741	Indupalli Tejaswi	P	P	P	P	P	P	P	P	P	P	P
42	18.742	Karaki Venkata Siva Hemanth Kumar	P	P	P	a	P	P	P	P	P	P	P
43	18.743	Ranga Nagalakshmi	P	P	P	P	P	P	P	P	P	P	P
44	18.744	Arepalli Rajeswari	P	P	a	P	P	P	P	a	P	P	P
45	18.745	Kumarapu Hema Latha	P	P	P	P	P	P	P	P	P	P	P
46	18.746	Pamarthi Divya	P	P	P	P	a	P	P	P	P	P	P
47	18.747	Jonnalagadda Venkata Sai Priya	P	P	P	P	P	P	P	P	a	P	P
48	18.748	Morampudi Asritha	P	P	P	a	P	P	P	P	P	P	P
49	18.749	Abdul Kareem Shoyed	P	P	P	P	P	P	P	P	P	P	P
50	18.750	Pasham Divya Durga	P	P	P	P	P	P	P	P	P	P	P
51	18.751	Kolukonda Shantan Ravi Kumar	P	P	P	a	P	P	P	P	P	P	P
52	18.752	Shaik Ayesha Begum	P	P	P	P	P	P	P	P	P	P	P
53	18.753	Putti Divya	P	P	a	P	P	P	P	P	P	P	P
54	18.754	Arepalli Bhanusri	P	P	P	P	P	P	P	a	P	P	P
55	18.755	Kilarapu Anusha	P	P	P	P	P	a	P	P	P	P	P
56	18.756	Viswanadhapalli Vinaisi	P	P	P	P	P	P	P	P	P	P	P
57	18.757	Veerla Sai Durga	P	P	a	P	P	P	P	P	P	P	P
58	18.758	Ummadisetti Naveena	P	P	P	P	P	P	P	P	P	P	P
59	18.759	Naredla Vasanth Reddy	P	P	P	P	P	P	a	P	P	P	P
60	18.760	Paladugu Sai Krishna Chowdary	P	P	P	P	a	P	P	P	P	P	P


Class : I B.Com (CA)

S. No	Roll. No	Student Name	1	2	3	4	5	6	7	8	9	10	Tot
1	18.801	Naseema Begum	P	P	P	P	P	P	P	P	P	P	
2	18.802	Mareedu Joshika	P	P	P	P	a	P	P	P	P	P	
3	18.803	Mutchu Lakshmi Durga	P	P	P	P	P	a	P	P	P	P	
4	18.804	Maddula Lakshmi	P	P	P	P	P	P	P	P	P	P	
5	18.805	Katla Prasanna	P	P	P	P	P	P	P	P	P	P	
6	18.806	Koppula Rajitha	P	P	P	a	P	P	P	P	P	P	
7	18.807	Kondiparthi Navya Sri	P	P	P	P	P	P	P	P	P	P	
8	18.808	Daram Pragathi	P	P	P	a	P	P	P	P	P	P	
9	18.809	Yenugudhati Ganesh Rama Raju	P	P	P	P	P	P	P	P	P	P	
10	18.810	Vandana Himabindu	P	P	P	a	P	P	P	P	P	P	
11	18.811	Shaik Muneera Begum	P	P	P	P	P	P	P	a	P	P	
12	18.812	Medaboyina Vijaya Lakshmi	P	P	P	P	a	P	P	P	P	P	
13	18.813	Pamarthi Haritha	P	P	P	P	P	P	P	P	P	P	
14	18.814	Akunuri Chandu	P	P	P	a	P	P	P	P	P	P	
15	18.815	Ganjala Anjani	P	P	P	P	P	P	P	P	P	P	
16	18.816	Myneni Pavani	P	P	P	P	P	a	P	P	P	P	
17	18.817	Madari Jayaprakash	P	P	P	P	P	P	P	P	P	P	
18	18.818	Mikkili Omkar	P	P	P	P	a	P	P	P	P	P	
19	18.819	Verijarla Haripujitha	P	P	P	P	P	P	P	P	P	P	
20	18.820	Mamidi Hima Bindu	P	P	P	a	P	P	P	P	P	P	
21	18.821	Abdul Sultana	P	P	P	P	P	P	P	P	P	P	
22	18.822	Jampana Harika	P	P	P	P	P	P	P	P	P	P	
23	18.823	Satyavolu Sai Srinivasa Phani Kalyan	P	P	P	P	a	P	P	P	P	P	
24	18.824	Kukkala Lokesh	P	P	P	P	P	P	P	P	P	P	
25	18.825	Kolli Bhima Narayana	P	P	P	P	P	a	P	P	P	P	
26	18.826	Kuchipudi Mounika	P	P	P	P	P	P	P	P	P	P	
27	18.827	Sunkara Dileep Kumar	P	P	P	a	P	P	P	P	P	P	
28	18.828	Syed Faizuddin	P	P	P	P	P	P	P	P	P	P	
29	18.829	Indupally Naveen	P	P	P	a	P	P	P	P	P	P	
30	18.830	Bolla Sumalatha	P	P	a	P	P	P	P	P	P	P	
31	18.831	Bolem Sasirekha	P	P	P	P	P	P	P	P	P	P	
32	18.832	Kondaveeti Prathima	P	P	P	P	a	P	P	P	P	P	
33	18.833	Yenigalla Satya Siva Sankar	P	P	P	P	P	P	P	P	P	P	
34	18.834	Mallampalli Sanjay	P	P	P	a	P	P	P	a	P	P	
35	18.835	Manchala Prem Kumar	P	P	P	P	P	P	P	P	P	P	
36	18.836	Gunja Sai Kiran	P	P	P	a	P	P	P	P	P	P	
37	18.837	Bravara Durga Bhavani	P	P	P	P	a	P	P	a	P	P	

38	18.838	Tata Lavanya	P	P	P	P	P	P	P	P	P	P	P	P
39	18.839	Goriparthi Gopi	P	P	P	P	a	P	P	P	a	P		
40	18.840	Murala Srivani	P	P	P	P	P	P	P	P	P	P		
41	18.841	Meesala Chintaiiah	P	P	P	a	P	P	P	P	P			
42	18.842	Pinisetty Naga Naveen	P	P	P	P	P	P	a	P	P	P		
43	18.843	Bhale Trivenika	P	P	P	P	P	a	P	P	P	P		
44	18.844	Fathima Zahera	P	P	P	P	a	P	P	P	P	P		
45	18.845	Rompicherla Gopi Venkata Ram	P	P	P	P	P	P	P	P	P	P		
46	18.846	Yanduri Thirumal G Satyanarayana	P	P	P	a	P	P	P	P	P	P		
47	18.847	Bokinjala Rakesh	P	P	P	P	P	P	P	P	P	P		
48	18.848	Olipilli Bhavani	P	P	a	P	P	P	P	P	a	P		
49	18.849	Vuyyuru Kranthi Kiran	P	P	P	P	P	P	P	P	P	P		
50	18.850	Kuppala Seetaramaiah	P	P	P	P	a	P	P	P	P	P		
51	18.851	Kodali Praveen Kumar	P	P	P	P	P	a	P	P	a	P		
52	18.852	Vuyyuru Yamini	P	P	P	P	P	P	P	P	P	P		
53	18.853	Perla Bhavya	P	P	P	a	P	P	P	a	P	P		
54	18.854	Konatham Yamini	P	P	P	P	a	P	P	P	P	P		
55	18.855	Dasari Bhavaneswari	P	P	P	P	P	P	a	P	P	P		
56	18.856	Pedasanaganti Romiya	P	P	P	P	a	P	P	P	P	P		
57	18.857	Shaik Abdul Rahim	P	P	P	P	P	a	P	P	P	P		
58	18.858	Chitturi Lakshmi Sudha	P	P	P	a	P	P	P	P	P	P		
59	18.859	Kunapareddy Manu Prasanna	P	P	P	P	a	P	P	P	P	P		
60	18.860	Abdul Mymunnisa Begum	P	P	P	P	P	P	P	P	P	P		
61	18.861	Katakam Kalyan	P	P	a	P	P	P	a	P	P	P		
62	18.862	Nakka Navya Naga Sri	P	P	P	P	P	P	P	P	P	P		
63	18.863	Tupati Pavan Kumar	P	P	P	P	P	P	a	P	P	P		
64	18.864	Matta Anusha	P	P	P	a	P	P	P	P	P	P		
65	18.865	Sirivella Manohar	P	P	P	P	P	P	P	P	P	P		
66	18.866	Asileti Salmon Raju	P	P	P	P	a	P	P	P	P	P		
67	18.867	Mareedu Sai Babu	P	P	P	P	P	a	P	P	P	P		
68	18.868	Osuri Jyotsna Rani	P	P	P	P	P	P	P	P	P	P		
69	18.870	Gurivindapalli Buella	P	P	P	a	P	P	P	P	a	P		
70	18.871	Devineni Siva Rama Krishna	P	P	P	P	a	P	P	P	a	P		

  
Signature of the Lecturer

  
Signature of the H.O.D.

  
Signature of the Principal

PRINCIPAL  
AG & SG Siddhartha Degree College of  
Art&Science (Autonomous),Vuyyuru

**A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course**

**Question Paper**

Answer **ALL** questions.

Maximum Marks **10 Marks**

**1) What is the full form of CPU? (1 Mark)**

- a) Computer Processing Unit     b) Computer Principle Unit   
c) Central Processing Unit     d) Control Processing Unit

**2) Which of the following is not a characteristic of a computer? (1 Mark)**

- a) Versatility     b) Accuracy   
c) Diligence     d) I.Q.

**3) Which of the following are physical devices of a computer? (1 Mark)**

- a) Hardware     b) Software   
c) System Software     d) Package

**4) Which of the following is an output device? (1 Mark)**

- a) Keyboard     b) Mouse   
c) Light pen     d) VDU

**5) Define Computer? (2 Marks)**

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**6) Write some applications of Computer? (2 Marks)**

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**7) Write some Input Devices of Computer? (2 Marks)**

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**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

Bridge Course

Answer Key

**1) What is the full form of CPU?**

Answer: c) Central Processing Unit

**2) Which of the following is not a characteristic of a computer?**

Answer: d) I.Q.

**3) Which of the following are physical devices of a computer?**

Answer: a) Hardware

**4) Which of the following is an output device?**

Answer: d) VDU

**5) Define Computer?**

Answer: A computer is an electronic device that manipulates information, or data. It has the ability to store, retrieve, and process data.

**6) Write some applications of Computer?**

Answer: Computers are used in every field of life, such as homes, businesses, educational institutions, research organizations, the medical field, government offices, entertainment, etc.

**7) Write some Input Devices of Computer?**

Answer: Keyboard, Mouse, Joystick, Light Pen, Trackball, Touch screen, Touch pad, scanner, barcode scanner, etc.

**A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

Bridge Course

Roll No: -18-801

Question Paper

Answer ALL questions.

Maximum Marks 10 Marks

1) What is the full form of CPU? (1 Mark)

- a) Computer Processing Unit  b) Computer Principle Unit   
c) Central Processing Unit  d) Control Processing Unit

2) Which of the following is not a characteristic of a computer? (1 Mark)

- a) Versatility  b) Accuracy   
c) Diligence  d) I.Q.

3) Which of the following are physical devices of a computer? (1 Mark)

- a) Hardware  b) Software   
c) System Software  d) Package

4) Which of the following is an output device? (1 Mark)

- a) Keyboard  b) Mouse   
c) Light pen  d) VDU

5) Define Computer? (2 Marks)

A computer is an electronic device that manipulates information, or data. It has the ability to store, retrieve and process data.

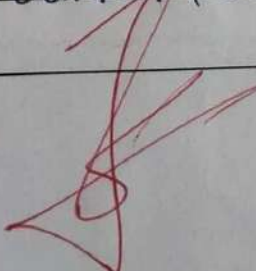
6) Write some applications of Computer? (2 Marks)

computer are used in every filed of life, such as homes, business, educational institutions, research organizations, the medical filed, government offices, entertainment, etc.

7) Write some Input Devices of Computer? (2 Marks)

key board, joy stick, light pen, trackball, touch screen, touch pad, scanner, barcode scanner, etc..

10  
10



**A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyuru-521165, Krishna District, Andhra Pradesh

Bridge Course

Roll No: -18-722

Question Paper

Answer ALL questions.

Maximum Marks 10 Marks

1) What is the full form of CPU? (1 Mark)

- a) Computer Processing Unit  b) Computer Principle Unit   
c) Central Processing Unit  d) Control Processing Unit

2) Which of the following is not a characteristic of a computer? (1 Mark)

- a) Versatility  b) Accuracy   
c) Diligence  d) I.Q.

3) Which of the following are physical devices of a computer? (1 Mark)

- a) Hardware  b) Software   
c) System Software  d) Package

4) Which of the following is an output device? (1 Mark)

- a) Keyboard  b) Mouse   
c) Light pen  d) VDU

5) Define Computer? (2 Marks)

A computer is an electronic device that manipulates information or data. It has the ability to store, retrieve and process data.

6) Write some applications of Computer? (2 Marks)

computer are used in every field of life, such as homes, business educational institutions, research organizations, the medical field, government offices, entertainment, etc.

7) Write some Input Devices of Computer? (2 Marks)

key board, mouse, joystick, light pen, track ball, touch screen, touch pad, scanner, barcode scanner etc.

10  
10

Answer ALL questions.

Maximum Marks 10 Marks

1) What is the full form of CPU? (1 Mark)

- a) Computer Processing Unit  b) Computer Principle Unit   
c) Central Processing Unit  d) Control Processing Unit

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- a) Versatility  b) Accuracy   
c) Diligence  d) I.Q.

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- a) Hardware  b) Software   
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A Computer is an electronic device that manipulates information or data. It has the ability to store, retrieve, and process data.

6) Write some applications of Computer? (2 Marks)

Computers are used in every field of life, such as homes, businesses, educational institutions, research organizations, the medical field, government offices, entertainment etc.

7) Write some Input Devices of Computer? (2 Marks)

Keyboard, Mouse, Joystick, Light pen, Trackball, Touch screen, Touch pad, etc.

10  
10

# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

(Managed by: Siddhartha Academy of General & Technical Education, Vijayawada-10)

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade



## **Internal Quality Assurance Cell (IQAC)**

### **Bridge Course**

Department : Economics

Academic year : 2018-19

Semester : I

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class : IBA

S. No	Roll No.	Name of the Student	Signature
1	1811001	E. Venkata Ramana	E. Venkata Ramana
2	1811002	T. Nagajwani	T. Nagajwani
3	1811003	D. Swapna	D. Swapna
4	1811005	P. Rajeswari	P. Rajeswari
5	1811006	A. Moumika Priya	A. Moumika Priya
6	1811007	B. Sowmya Sri	B. Sowmya Sri
7	1811008	P. Kalyani	P. Kalyani
8	1811009	K. Bharath Kumar	K. Bharath Kumar
9	1811010	G. Veerababu	G. Veerababu
10	1811012	O. Durga Rao	O. Durga Rao
11	1811013	U. Rajani	U. Rajani
12	1811014	M. Taheseena	M. Taheseena
13	1811015	A. Sultana	A. Sultana
14	1811016	M. Pujitha	M. Pujitha
15	1811017	P. Menambika	P. Menambika

N. Tanaka

Head, Department of Economics  
A.G. & S.G. Siddhartha Degree College  
(Autonomous), VUYURU - 521 165

D. Saleem

PRINCIPAL  
AG & SG Siddhartha Degree College of  
Arts & Science (Autonomous), Vuyyuru

**Bridge Course**

**Syllabus**

Unit No.	Topic to be covered	Remarks
I	PRINCIPLES OF ECONOMICS	
II	MICRO ECONOMICS	

**PRINCIPLES OF ECONOMICS:**

The "principles of economics" refer to the fundamental concepts and theories that guide the study and understanding of how individuals, businesses, and societies make choices about the allocation of scarce resources to satisfy their unlimited wants and needs.

These principles provide a framework for analyzing and interpreting economic phenomena. Here are some key principles of economics:

1. **Scarcity:** Resources, such as land, labor, capital, and entrepreneurship, are limited in relation to the unlimited wants and needs of individuals and society. As a result, choices must be made to allocate these scarce resources efficiently.
2. **Opportunity Cost:** When making choices, individuals and societies face trade-offs. The opportunity cost of a decision is the value of the next best alternative foregone. Every choice involves giving up something in order to obtain something else.

- 41
3. **Supply and Demand:** The interaction of supply, representing producers' willingness and ability to offer goods and services, and demand, representing consumers' willingness and ability to buy them, determines prices and quantities in markets.
  4. **Marginal Analysis:** Economists examine decisions and changes at the margin, considering the additional benefits and costs of small incremental changes. People tend to make choices based on comparing the marginal benefits and marginal costs.
  5. **Incentives:** Individuals respond to incentives, which can be positive (rewards) or negative (penalties). Changes in incentives can influence behavior and decision-making at both the individual and societal levels.
  6. **Efficiency:** Economies strive for efficiency in resource allocation, where resources are used to produce goods and services in a way that maximizes societal well-being. Efficiency occurs when resources are allocated to their most valued uses.
  7. **Trade:** Voluntary exchange and trade can benefit all parties involved by allowing individuals, businesses, and nations to specialize in producing goods and services for which they have a comparative advantage, and then trade with others for the goods and services they need.



5

8. **Market Failures:** Markets may fail to achieve efficiency in certain situations, such as when there are externalities (costs or benefits affecting third parties), information asymmetry, or the presence of public goods. In such cases, government intervention may be necessary to correct market failures.

9. **Macroeconomics and Microeconomics:** Macroeconomics studies the behavior of the economy as a whole, focusing on aggregate variables such as economic growth, inflation, and unemployment. Microeconomics analyzes the behavior of individual consumers, firms, and markets.

10. **Rationality and Decision-Making:** Economists often assume that individuals are rational decision-makers who seek to maximize their own self-interest based on the available information. However, this assumption recognizes that individuals have different preferences and goals.

These principles provide a foundation for understanding economic behavior, markets, and policy choices. They are used to analyze and address various economic issues, such as resource allocation, market outcomes, economic growth, income distribution, and the impact of government policies.

## MICRO ECONOMICS

Microeconomics is a branch of economics that focuses on the study of individual economic agents, such as consumers, firms, and markets, and how they make decisions regarding the allocation of resources. It analyzes the behavior of these agents and examines how their interactions shape market outcomes. Here are some key concepts and topics within microeconomics:

1. **Demand and Supply:** Microeconomics explores the forces of demand and supply that determine prices and quantities in markets. It examines how consumers' preferences and willingness to pay (demand) and producers' costs and willingness to supply (supply) interact to establish equilibrium prices and quantities.
2. **Consumer Theory:** Consumer theory studies how individuals make choices about what goods and services to consume given their limited income and the prices of goods. It analyzes consumer preferences, budget constraints, and the concept of utility to explain consumer decision-making and demand patterns.
3. **Production and Cost:** Microeconomics examines how firms make production decisions to maximize profits. It analyzes production functions, costs (including fixed costs, variable costs, and marginal costs), and the concept of economies of scale to understand how firms choose their optimal level of production.

- 7
4. **Market Structures:** Microeconomics investigates different market structures, such as perfect competition, monopoly, oligopoly, and monopolistic competition. It examines how the number of firms, the presence of barriers to entry, and the degree of product differentiation affect market behavior, pricing, and market outcomes.
  5. **Market Failures:** Microeconomics studies market failures, situations where markets do not achieve efficient outcomes. It explores externalities (spillover effects), public goods, information asymmetry (such as moral hazard and adverse selection), and market power to understand instances where intervention may be necessary to improve economic efficiency.
  6. **Theory of the Firm:** Microeconomics analyzes the behavior of firms, including their production decisions, pricing strategies, and profit maximization. It explores concepts such as revenue, cost, profit maximization, and market structures to understand firm behavior in different market conditions.
  7. **Factor Markets:** Microeconomics examines markets for factors of production, such as labor and capital. It explores how wages, interest rates, and rents are determined and how individuals and firms make decisions regarding the allocation of these factors.
  8. **Welfare Economics:** Microeconomics assesses economic well-being and social welfare. It utilizes concepts such as consumer surplus, producer surplus, and

efficiency to evaluate the allocation of resources and the potential impacts of policy changes on societal welfare.

9. Game Theory: Microeconomics incorporates game theory to analyze strategic interactions among individuals or firms. It examines how individuals' decisions are influenced by the actions and expectations of others and how outcomes can be affected by cooperation, competition, and strategic behavior.

10. Behavioral Economics: Microeconomics incorporates insights from psychology and behavioral sciences to understand how individuals' cognitive biases and heuristics influence their economic decision-making. It explores deviations from traditional economic assumptions and their implications for market outcomes.

These are some of the key concepts and topics within microeconomics. By analyzing the behavior of individual economic agents and their interactions in markets, microeconomics provides insights into how resource allocation and economic outcomes are determined at the micro level.

D. Swapna

QUESTION PAPER



1. Economics is a science which deals with c.  
a. matters and substance  
b. chemicals and reactions  
c. human wants and resources  
d. numbers and combinations

2. Microeconomics deals with the study of b economic entities.  
a. Aggregate  
b. Individual  
c. Macro  
d. Socio

3. Macroeconomics deals with a economic entities.  
a. Aggregate  
b. Individual  
c. Micro  
d. Socio

4. d is an example of Microeconomic theory.  
a. Theory of Consumption  
b. Theory of Economic Growth  
c. Theory of Money  
d. Theory of Income, Employment and Output

5. b is an example of Macroeconomic theory.  
a. Theory of Production  
b. Theory of Rent  
c. General Theory  
d. Theory of Profit

6. Opportunity costs are c measured in monetary terms.  
a. Always  
b. Can be  
c. Not

- 7. plays an important role in the market economy.
  - a. Government
  - b. Price mechanism
  - c. Public sector enterprise
  - d. Non-government Organization
  
- 8. An equation specifies the relationship between the C variables.
  - a. Positive and normative
  - b. Fiscal and monetary
  - c. Dependent and independent
  - d. Endogenous and exogenous
  
- 9. Downward curve or line shows C relation between two variables.
  - a. Positive
  - b. Upward
  - c. Inverse
  - d. Vertical
  
- 10. Upward curve or line show D relation between two variables.
  - a. Direct
  - b. Indirect
  - c. Negative
  - d. Horizontal

D. Swapna

*[Signature]*  
Head, Department of Economics  
A.G. & S.G. Siddhartha Degree College  
(Autonomous), VUYYURU - 521 165

Key:

1:C

2 B

3 A

4 A

5 C

6 C

7 B

8 C

9 C

10 A

**A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course - Attendance Register**

Class / Section: I BA

Year : 2018-19

Department of: Economics

Paper: Principles of Economics Lecturer: N. Rama Rao

Sl. No	Roll No	Student Name	category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1	1811001	E. Venkata Ramana	BC-D	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	13
2	1811002	T. Nagajwami	SC	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	13
3	1811003	D. Swahna	SC	P	P	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	P	17
4	1811004	P. Rajeswari	BC-D	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	18
5	1811005	A. Mounika Priya	B.C.B.	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	18
6	1811006	B. Sowmya Devi	B.C.D	P	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	17
7	1811007	P. Kotjani	B.C.A	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	18
8	1811008	K. Bharath Kumar	BC-B	P	P	P	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	17
9	1811009	G. Veera Babu	BC-A	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	18
10	1811010	O. Durga Rao	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
11	1811011	U. Rajani	B.C.D	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	18
12	1811012	M. Tahasena	B.C.E	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	A	P	P	P	17
13	1811013	A. Suthana	B.C.E	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	18
14	1811014	M. Pujitha	SC	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	18
15	1811015	P. Meenamlika	B.C.D	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	P	17

*N. Rama Rao*

Head, Department of Economics  
A.G. & S.G. Siddhartha Degree College  
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*D. Saleem*

PRINCIPAL  
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Arts & Science (Autonomous), Vuyyuru



# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

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**Internal Quality Assurance Cell (IQAC)**

## **Bridge Course**

Department : ENGLISH

Academic year : 2018-19

Semester : I

**A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course**  
**Student Enrolment Sheet**  
**2018-19**

Class : ALL PROGRAMMES

S. No	Roll No.	Name of the Student	Signature
1	18-231	K.Ramanjaneyulu	K. Ramanjaneyulu
2	18-232	A.Manikanta	A. Manikanta
3	18-233	K.Manasa	K. manasa
4	18-234	T.Hareesh	T. hareesh
5	18-235	T.Avinash	T. Avinash
6	18-236	CH.Syam sri	Ch. Syam sri
7	18-237	N.Pushpa sri	N. Pushpa sri
8	18-238	S.Vivek	S. VIVEK
9	18-239	B.Keerthana	B. Keerthana
10	18-240	K.Nikhita	K. Nikhita
11	18-401	K.Kerthi	K. Kerthi
12	18-402	P.Madhu latha	P. Madhu latha
13	18-403	T.Mahendra	T. mahendra
14	18-404	G.Yoga naga sai lakshmi	G. Yoganaga lakshmi
15	18-405	Abdul.Rasool	A. Rasool
16	18-406	A.Bhavana	A. Bhavana
17	18-407	M.Sai leela	M. Leela
18	18-408	Nafessunnisa	Nafessunnisa
19	18-409	S.Hanvitha	S. Hanvitha
20	18-410	Ch.vivek	Ch. vivek
21	18-411	R.Pujitha	R. Pujitha
22	18-412	V.Venkata pujith pravallika	V.V.P. Pravallika
23	18-413	K.Sweety	K. Sweety
24	18-414	N.Lokesh babu	N. Lokesh Babu
25	18-415	B.Tejeswari	B. Tejeswari
26	18-416	Y.Srilakshmi	Y. Srilakshmi

27	18-417	M.Radhikaa	M. Radhikaa
28	18-418	D.Narasimha	D. Narasimha
29	18-419	P.Naga sudha rani	P.N. Sudha rani
30	18-420	B.Sweety leela	B. Sweety leela
31	18.101	Asileti Manasa	A. Manasa
32	18.102	Narisetti Naga Chandrasekhara Babu	N-N-C. Babu.
33	18.103	Adapa Subhasree	A. subhasree
34	18.104	Edpuganti Dileep Kumar	E. Dileep Kumar
35	18.105	Devarapalli Karthik	D. Karthik
36	18.106	Daliya Kameswari	D. Kameswari
37	18.107	Mopidevi Spandana	M. Spandana
38	18.108	Sunkara Mynadevi	S. mynadevi
39	18.109	Thangirala Babu Rao	T. Babu Rao
40	18.110	Setti Vara Lakshmi	S. Vara Lakshmi
41	18.111	Velivela Pavan	V. Pavan
42	18.112	Uppu Lakshmi	U. Lakshmi
43	18.113	Pamula Praveen Kumar	P. Praveen Kumar
44	18.114	Khitepalli Siva Nagendra Babu	K.S.N. Babu.
45	18.115	Nimmakuri Sandeep	N. Sandeep
46	18.116	Chowdada Mounika	C. mounika
47	18.117	Chowdada Hemalatha	C. Hemalatha
48	18.118	Kongithala Ramu	K. Ramu
49	18.119	Kongithala Lakshmana Raju	K. Lakshmana Raju
50	18.120	Maripi Madhu	M. Madhu

1. B. R. S.  
2. M. R. S.  
3. R. V. V. Arana.  
(Lecturer)

G. S. S.  
(H.O.D)

# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

**Accredited at 'A' Grade by NAAC**

## **REPORT ON THE BRIDGE COURSE**

### **THE DEPARTMENT OF ENGLISH**

A Bridge Course in English for newly admitted students is conducted every year before the commencement of the first semester classes by the Department of English. The main objective of the course is to bridge the gap between subjects studied at Higher Secondary level and subjects they would be studying in Graduation. The syllabus for the course is framed in such a way that they get basic knowledge on the subjects that they would be learning through graduation. This two-week student enhancement and development programme is devised for overall grooming and enhancement of the students' fraternity with a special punctuation for students from rural and semi rural community. Thus, this bridge course intended to achieve the following this academic year 2018-2019.

#### **Objectives**

- To bridge the gap between intermediate and collegiate education to meet the students communicative requirements
- To prepare the students for a classroom atmosphere in which English is the medium of instruction.
- To help the students acquire the basic LSRW skills.

#### **Methodology**

A Curriculum is framed separately in each of the subjects, for Bridge Course in English. During the first week after the commencement of the classes, the bridge course curriculum is delivered to the students in various disciplines. A post bridge course oral test is conducted after the completion of bridge course syllabus to assess the ability of student's suggestions is given to students for improvisation.

#### **Syllabus for Bridge Course**

- Basic English Grammar
- Word building and their usage
- Idioms and phrases
- Sentence formation and transformation
- Listening and speaking skills mainly concentrating on conversation
- Developing listening, reading, writing and speaking skills
- Comprehension
- Public speaking, group discussion, debate, declamation contest and extempore speech
- How to use the dictionary?
- How to read the news paper

**Class hours:** 9.00 am -10.00 am and 5.00 pm to 6.00 pm.

**Course Period :** 2 Weeks (25-06-2018 to 9-07-2018)

#### **Staff Coordinators:**

This course is conducted by the Staff Members of the Department of English.

**G.SONI (HOD)**

**B.BULLI BABU, LECTURER**

**M.ROJA,LECTURER**

**V.V.APARNA REDDY.LECTURER**

**Activities for the Students:**

- Students exhibited their communicative skills through story telling of a Telugu movie. Each team consisted of more than 10 students, and this activity enabled the students to overcome their stage fear and enhance their confidence. Thus they mastered Basic English Grammar and word building and their usage
- Declamation is one of the most significant activities which played a major role in making the students appear before larger audience and speak in English with courage and confidence. Though the students were initially reluctant to take part in the activity owing to their stage fear, their participation made them more confident and more skillful in their communicative skills in English.
- In addition to participation in declamation, the students were also encouraged to take part in debate whereby they were able to learn the art of systematic argumentation in English language. The students were very vibrant to put forth their viewpoints. They also actively took part in role plays, which enabled them to improve their fluency and body language.
- Students were made to listen to the stories in the language lab and they were asked questions based on the stories. This activity improved the listening and comprehension skills of the students.
- Students were involved in debate. In spite of the reluctant attitude of the students, teachers encouraged the students to take part in these activities. The students began to gradually shed their inhibitions and participate voluntarily. They showed a significant progress in gaining confidence and improving their communicative skills in English. The students were encouraged to think creatively to complete the tasks given in the book.

**Outcomes:**

After the completion of the course, there was a significant progress in Listening, Speaking, Reading and Writing skills of the students. Students who had tremendous stage fear were able to overcome it and speak fluently in English. They could easily take part in Group Discussions and exhibit their views in English. Students who had Telugu as the medium of instruction at the school level gained confidence to speak and write in English.





39	18.109	Thangirala Babu Rao	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	19
40	18.110	Setti Vara Lakshmi	BC-D	P	A	P	P	P	A	P	A	P	P	P	P	P	A	P	P	P	P	P	16
41	18.111	Velivela Pavan	OC	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	18
42	18.112	Uppu Lakshmi	BC-A	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	17
43	18.113	Pamula Praveen Kumar	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
44	18.114	K. Siva Nagendra Babu	SC	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	A	P	P	17
45	18.115	Nimmakuri Sandeep	SC	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	18
46	18.116	Chowdada Mounika	BC-D	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	19
47	18.117	Chowdada Hemalatha	BC-D	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	17
48	18.118	Kongithala Ramu	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
49	18.119	K. Lakshmana Raju	BC-D	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	18
50	18.120	Maripi Madhu	BC-D	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19

1. G. Paul
2. M. Raju
3. R.V.V. Aparna

(Lecturer)

G. Paul  
(H.O.D)



# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

(Managed by: Siddhartha Academy of General & Technical Education,  
Vijayawada-10)

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**2018-19**

## **DEPARTMENT OF HINDI**

### **Bridge Course**

Name of the Lecturer	:	P. Gangadharao
Class	:	All Firsts Year
Duration of the Course	:	7 days

**A.G & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE  
(ATONOMOUS )  
VUYYURU-521165 KRISHNA**

**HINDI BRIDGE COURSE SYLLUBUS**

- 1.वर्णमाला
- 2.बारहखडी
- 3.संयुक्तअक्षर
- 5.द्वित्वअक्षर
- 6.उक्तलेखन







Roll no	Name of the student	17/6	21/6	22/6	23/6	26/6	29/6	21/6	M
1852802	M. Jashika	P	P	P	P	P	P	P	10
1852805	K. prasanna.	P	P	P	P	P	P	P	10
811	Sk. Muneera Begam	P	P	P	P	P	P	P	9
821	Abdul sulthana.	P	P	P	P	P	P	P	9
827	S. Dileep Kumar	P	P	P	P	P	P	P	9
828	syed Faiyuddin.	P	P	P	P	P	P	P	10
842	P. N. Naveen	P	P	P	P	P	P	P	10
844	Fathima saheera	P	P	P	P	P	P	P	10
855	D. Bhavaneswari	P	P	P	P	P	P	P	9
1852860	Abdul Hymumisa Begam.	P	P	P	P	P	P	P	8

P. Jayalaxmi  
sign of Hod.

A.G & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE  
VUYYURU-521165, KRISHNA

M. Deepika - 18 - 605

BRIDGE COURSE HINDI QUESTION PAPER

10  
10

1. हिन्दी वर्णमाला लिखिए 1X4=4M

अ आ इ ई उ ऊ ऋ ए ऐ औं अं अः  
क ख ग घ ङ  
च छ ज झ ञ  
ट ठ ड ढ ण  
त थ व ध न  
प फ ब भ म य र ल व श ष स ह  
क्ष त्र व

2. क वर्ग का बारह खड़ी लिखिए । 1X2=2M

का की कि कु कू कृ के केँ को कीँ कं कः

3. किन्हीं दो संयुक्त अक्षर लिखिए। 1X2=2M

1. स्त 2. ज्य

4. उक्त लेखन 1X2=2M

1. अंघकार

2. ईर d2

A.G & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE  
VUYYURU-521165, KRISHNA

BRIDGE COURSE HINDI QUESTION PAPER

M. Joshi ka 1852802

10  
10

1. हिन्दी वर्णमाला लिखिए 1X4=4M  
अ आ इ ई उ ऊ ऋ ॠ ए ऐ ओ औ अं अः  
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2. क वर्ग का बारह खड़ी लिखिए । 1X2=2M

का की कि कु कृ के के को कॉ कं कः

3. किन्हीं दो संयुक्त अक्षर लिखिए। 1X2=2M

1. स्व 2. ज्य

4. उक्त लेखन 1X2=2M

1. अंधकार  
2. ईश्वर



# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

(Managed by: Siddhartha Academy of General & Technical Education, Vijayawada-10)

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade



## **Internal Quality Assurance Cell (IQAC)**

### **Bridge Course**

Department	:	HISTORY
Academic year	:	2018-2019
Semester	:	I SEMESTER

**Bridge Course**

**Student Enrolment Sheet**

**Class : I.B.A**

S. No	Roll No.	Name of the Student	Signature
1	1811001	Elakala. venkata Ramana	E. Venkatesh Ramana
2	1811002	Thumati. Nagajwani	T. Naga-Jwani
3	1811003	Devarapalli. Swapna	D. Swapna
4	1811004	Eslavath. pavan Kumar	E. Pavan Kumar
5	1811005	parise. Rajeswani.	P. Rajeswani
6	1811013	zuppalapu. Rajani	U. Rajani
7	1811016	Mullapudi. priyitha	Mullapudi priyitha
8	1811019.	Boyanapalli. nagamani	B. nagamani
9	1811020	kammachichu. lokesh	K. LOKESH.
10	1811022	pilli. prem Kumar	P. Prem Kumar
11	1811023	valluri. Rama krishana	V. Rama Krishna
12	1811024	Telugu. Akhila	Telugu. Akhila
13	1811025	kaki. navya	Kaki. navya
14	1811028	Md. Rafi	md. Rafi
15	1811029	kodali. Trinadh.	kodali. Trinadh

*D. Rajulu*

Head, Department of History  
A.G. & S.G. Siddhartha Degree College  
(Autonomous), VUYVURU - 521 165

*D. Sankar*

PRINCIPAL  
AG & SG Siddhartha Degree College of  
Arts & Science (Autonomous), Vuyyuru.

**Bridge Course**

**Syllabus**

Unit No.	Topic to be covered	Remarks
I	Ancient Indian Civilization (from Circa 3000 BC to 6 <sup>th</sup> BC):	
II	Ancient Indian History & Culture (6 <sup>th</sup> Century BC to 2 <sup>nd</sup> Century AD):	

**Ancient Indian Civilization (from Circa 3000 BC to 6<sup>th</sup> BC):**

**Ancient Indian civilization, also known as the Indus Valley civilization or Harappan civilization, flourished in the Indian subcontinent from around 3000 BCE to the 6th century BCE. It was one of the world's earliest urban civilizations and existed contemporaneously with other ancient civilizations such as Mesopotamia and Egypt. Key Features of Ancient Indian Civilization:**

- 1. Urban Planning and Advanced Cities:** The Indus Valley civilization was characterized by well-planned cities with sophisticated infrastructure. The cities, such as Harappa and Mohenjo-daro, featured a grid-like street layout, well-built houses with private bathrooms, public baths, and an elaborate drainage system.
- 2. Agricultural Economy:** The civilization was primarily agrarian, with farming being the main occupation. The Indus Valley people cultivated crops such as wheat, barley, peas, and cotton. They developed an advanced system of irrigation, including the construction of canals, to support their agricultural activities.
- 3. Trade and Commerce:** The civilization had a robust trade network, both within the Indian subcontinent and with other regions. Archaeological findings suggest that the Indus Valley people engaged in long-distance trade, exporting goods such as textiles, pottery, and beads. They had access to valuable resources such as copper, gold, and semi-precious stones
- 4. Writing System:** The Indus Valley civilization had a script that remains undeciphered to this day. Archaeologists have found numerous inscriptions on pottery, seals, and other artifacts. However, the exact nature and meaning of this script are still not fully understood.
- 5. Social Organization:** The society of the Indus Valley civilization appears to have been relatively egalitarian. There is no evidence of monumental architecture or structures indicating the presence of kings or ruling elites. The cities were

characterized by a uniformity of material culture, suggesting a relatively equal distribution of wealth and resources.

6. **Art and Craftsmanship:** The Indus Valley people were skilled artisans and craftsmen. They produced a variety of pottery, including painted and wheel-made pottery. They also excelled in the production of jewelry, metalwork, terracotta figurines, and stone carvings. The discovery of numerous seals with animal motifs indicates their artistic prowess.
7. **Religion and Beliefs:** The religious practices of the Indus Valley civilization remain a topic of debate. Excavations have revealed various objects suggestive of religious rituals, including terracotta figurines, animal sacrifices, and fire altars. Some scholars speculate that the civilization might have practiced a form of proto-Hinduism, but concrete conclusions are challenging due to the lack of deciphered written records.
8. **Decline and Disappearance:** The Indus Valley civilization declined around 1900 BCE, possibly due to a combination of factors such as ecological changes, the drying up of rivers, and invasions by nomadic groups. The exact reasons for the civilization's decline and ultimate disappearance remain speculative.

The ancient Indian civilization of the Indus Valley represents a remarkable chapter in the history of human civilization, offering valuable insights into early urbanization, advanced planning, and cultural practices in the Indian subcontinent.

QUESTION PAPER

1. Which among the following is not a correct pair?

- A. Ellora Caves – Rastrakuta Rulers
- B. Mahabalipuram – Pallava Rulers
- C. Khajuraho – Chandellas
- D. Elephanta Caves – Maurya Era

Ans: D

2. Which among the following Kavya of Sanskrit, deal with court intrigues & access to power of Chandragupta Maurya?

- A. Mrichhakatika
- B. Ritusamhara
- C. Kumarasambhava
- D. Mudrarakshahsa

Ans: D

3. On which of the following systems of Hindu Philosophy , Shankaracharya wrote commentary in 9th century AD?

- A. Sankhya
- B. Vaisheshika
- C. Yoga
- D. Uttarmimansa

Ans: D

4. The eighth-century tripartite power struggle was among which of the following?

- A. Cholas, Rastrakutas and Yadavas,
- B. Chalukyas, Pallavas and Pandyas
- C. Cholas, Pandyas and Chalukyas
- D. Chalukyas, Pallavas and Yadavas

Ans: B

**5. Which among the following is not correct?**

- A. The capital of Pandyas was Madurai
- B. The capital of Cheras was Vanchi
- C. Capital of the Videha Kingdom – Mithila
- D. Capital of Gahadwal Dynasty – Kannauj

**Ans: B**

**6. Which king started the organization of Kumbh fair at Allahabad?**

- A. Harshavardhana
- B. Dhruvasena II
- C. Narshimhvarman
- D. Akabar

**Ans: A**

**7. Upanishads are books on :**

- A. Politics
- B. Philosophy
- C. Medicine
- D. Social life

**Ans: B**

**8. Who was the first Indian ruler who had territory outside India?**

- A. Ashoka
- B. Chandragupta Maurya
- C. Kanishka
- D. Huvishka

**Ans: C**

**9. Which of the following statement is wrong?**

- A. Sunga dynasty was founded by Pushyamitra
- B. Ashoka the Great Mauryan king died in 332 BC
- C. Ashoka invaded the Kalinga in 261 BC
- D. Chandragupta Maurya earned the title of the Liberator.

**Ans: B**

**10. Who among the following was worshipped during Early Vedic Civilization?**

- A. Varuna
- B. Indra
- C. Surya
- D. All the above

**Ans: D**

**11. Where were the hymns of Rigveda composed?**

- A. Punjab
- B. Gujarat
- C. Rajasthan
- D. Uttar Pradesh

**Ans: A**

**12. Which among the following is a place in Larkana district of Sind province in Pakistan?**

- A. Alamgirpur
- B. Harappa
- C. Rangapur
- D. Mohenjo-Daro

**Ans: D**

**13. What led to the end of Indus Valley Civilization?**

- A. Invasion of Aryans
- B. Recurrent Floods
- C. Earthquakes
- D. All the above

**Ans: D**

**14. Who was the main male God worshipped by Indus people?**

- A. Lord Vishnu
- B. Vishnu
- C. Brahma

**Ans: C**

**19. Who was the last Hindu emperor of northern India?**

- A. Harsha
- B. Pulakesin II
- C. Rajyavardhana
- D. Skandagupta

**Ans: A**

**20. Which of the following statement is/are correct?**

- I. Pulakesn I was the first ruler of the Chalukya dynasty?
- II. Harshavardhana attacked the Chalukya territory during 608-642 AD?
- III. Vikramaditya I died in 608 A.D.

Code:

- A. All are correct
- B. Only I
- C. Only II,III
- D. Only I, III



QUESTION PAPER

13  
20

1. Which among the following is not a correct pair?

- A. Ellora Caves – Rastrakuta Rulers
- B. Mahabalipuram – Pallava Rulers
- C. Khajuraho – Chandellas
- D. Elephanta Caves – Maurya Era

[D]

2. Which among the following Kavya of Sanskrit, deal with court intrigues & access to power of Chandragupta Maurya?

- A. Mrichhakatika
- B. Ritusamhara
- C. Kumarasambhava
- D. Mudrarakshahsa

[D]

3. On which of the following systems of Hindu Philosophy, Shankaracharya wrote commentary in 9th century AD?

- A. Sankhya
- B. Vaisheshika
- C. Yoga
- D. Uttarmimansa

[A]

4. The eighth-century tripartite power struggle was among which of the following?

- A. Cholas, Rastrakutas and Yadavas,
- B. Chalukyas, Pallavas and Pandyas
- C. Cholas, Pandyas and Chalukyas
- D. Chalukyas, Pallavas and Yadavas

[A]

5. Which among the following is not correct?

- A. The capital of pandyas was Madurai
- B. The capital of Cheras was Vanchi
- C. Capital of the Videha Kingdom – Mithila

[C]

D. Capital of Gahadwal Dynasty – Kannauj

**6. Which king started the organization of Kumbh fair at Allahabad?**

A. Harshavardhana

B. Dhruvasena li

C. Narshimhvarman

D. Akabar

[A]

**7. Upnishads are books on :**

A. Politics

B. Philosophy

C. Medicine

D. Social life

[B]

**8. Who was the first Indian ruler who had territory outside India?**

A. Ashoka

B. Chandragupta Maurya

C. Kanishka

D. Huvishka

[A]

**9. Which of the following statement is wrong?**

A. Sunga dynasty was founded by pushyamitra

B. Ashoka the great Mauryan king died in 332 BC

C. Ashoka invaded the kalinga in 261 BC

D. Chandragupta Maurya earned the title of the Liberator.

[B]

**10. Who among the following was worshipped during Early Vedic Civilization?**

A. Varuna

B. Indra

C. Surya

D. All the above

[D]

**11. Where were the hymns of Rigveda composed?**

A. Punjab

- B. Gujarat
- C. Rajasthan
- D. Uttar Pradesh

[A]

12. Which among the following is a place in Larkana district of Sind province in Pakistan?

- A. Alamgirpur
- B. Harappa
- C. Rangapur
- D. Mohenjo-Daro

[B]

13. What led to the end of Indus Valley Civilization?

- A. Invasion of Aryans
- B. Recurrent Floods
- C. Earthquakes
- D. All the above

[D]

14. Who was the main male God worshipped by Indus people?

- A. Lord Vishnu
- B. Vishnu
- C. Brahma
- D. Indra

[A]

15. Which empire lasted the longest among the following?

- A. The Palas
- B. The Pratiharas
- C. The Rashtrakutas
- D. The Senas

[B]

16. Which of the following statement is wrong?

- A. Dharmapala was the founder of Pala dynasty.
- B. Vikramashila University was founded by Dharmapala ?
- C. Bhoja was the founder of Pritihara Empire.

[A]

D. Krishna III was the last Rashtrakuta king.

**17. Which of the following statement is/ are correct?**

I. In the 326 BC Alexander invaded India.

II. Ambhi (king of Taxila) welcomed Alexander and his men

III. Alexander died in 332 BC

A. All are correct

B. Only I, III

C. Only I, II

D. II, III

[C]

**18. Who was the ruler of the kingdom between the rivers Jhelum and Chenab?**

A. Alexander the Great

B. Darius III

C. King Porus

D. Chandragupta Maurya

[A]

**19. Who was the last Hindu emperor of northern India?**

A. Harsha

B. Pulakesin II

C. Rajyavardhana

D. Skandagupta

[A]

**20. Which of the following statement is/are correct?**

I. Pulakesin I was the first ruler of the Chalukya dynasty?

II. Harshavardhana attacked the Chalukya territory during 608-642 AD?

III. Vikramaditya I died in 608 A.D.

A. All are correct

B. Only I

C. Only II, III

D. Only I, III

[B]

**KEY:**

**1 D**

**2 D**

**3 D**

**4 B**

**5 B**

**6 A**

**7 B**

**8 C**

**9 B**

**10D**

**11A**

**12B**

**13B**

**14A**

**15C**

**16A**

**17C**

**18C**

**19A**

**20B**

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section: IBA

Year : 2018-19 Department of: History

Paper:

Lecturer: Dr. D. Rajaya Lakshmi

Sl. No	Roll No	Student Name	category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1	1811001	Elakala Venkata Ramana	Bc-D	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	17
2	1811002	Thumati. Magajwani	sc	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	16
3	1811003	Devaxapalli. sulapna	sc	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	18
4	1811004	Eslavath. pavan Kumar	sc	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	18
5	1811005	parise. Rajeswari	Bc-D	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	18
6	1811013	uppala. Rajani	Bc-B	P	P	P	P	A	P	P	A	P	P	A	P	P	P	A	P	P	P	P	P	16
7	1811016	Mullapudi. prujitha	sc	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	18
8	1811019	Boyanapali. Nagamani	sc	P	P	P	P	A	P	P	A	P	P	A	P	A	P	P	P	P	P	P	P	17
9	1811020	kammachichu. lo kesh	Bc-B	P	P	P	P	A	P	P	A	P	P	A	P	P	P	A	P	P	P	P	P	16
10	1811022	pilli. premkumar	sc	P	P	P	P	P	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	17
11	1811023	valluri. Ramakrishna	Bc-D	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	18
12	1811024	Telugu. Akhila	sc	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	18
13	1811025	Kaki. Nalaya	sc	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	17
14	1811028	Md. Rabi	Bc-E	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	18
15	1811029	Kodali. Trinadh.	sc	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	18

*D. Raju*  
 Head, Department of History  
 A.G. & S.G. Siddhartha Degree College  
 (Autonomous), VUYURU - 521 165

*D. Lakshmi*  
 PRINCIPAL  
 AG & SG Siddhartha Degree College of  
 Arts & Science (Autonomous), Vuyyuru

# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

(Managed by: Siddhartha Academy of General & Technical Education, Vijayawada-10)

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## **Internal Quality Assurance Cell (IQAC)**

### **Bridge Course**

Department : MATHEMATICS

Academic year : 2018-19

Semester : I

A.G. & S.G. Siddhartha Degree College of Arts & Science  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course**

**Academic Year: 2018-19**

### **Syllabus**

**Module – I:** Differential equations:

Differential equations and mathematical modelling second and higher order differential equations, Analysis of mathematical models.

**Module – II:** Integrations:

Anti derivative or primitive, integration of constant, integration of variable, integration of reciprocal, integration of exponential functions.

**Module – III:** Trigonometry:

Definitions, formulas, ratios, identities, right-angled triangles, multiples and sub – multiple angles.

**Module – IV:** Matrices:

Row matrix, column matrix, echelon form, and lower triangular matrices determinant of matrices and rank of the matrices

**Module – V:** System of equations:

Linear & Quadratic equations, Elimination method, Substitution method roots of the equations



AG & SG Siddhartha Degree College of Arts & Science (Autonomous), Vuyyuru

Student Enrolment Sheet

I Year B.Sc. MPC (Telugu Medium) ; Year :: 2018-19

S.No:	Roll.No	Student Name	Signature
1	18201	Barnala Padmanjali	B. Padmanjali
3	18203	Arepalli Pavan Kumar	A. Pavan Kumar
4	18204	Dudala Chaitanya Venkata Manikanta	D. C. V. Manikanta
5	18205	Kancharla Gowtham	K. Gowtham
6	18206	Vakkalagadda Subhashini	V. Subhashini
7	18207	Kaza Naga Srilakshmi	K. N. Srilakshmi
8	18208	Valluri Bhargava	V. Bhargava
9	18209	Parasa Pavan Kumar	P. Pavan Kumar
1	18231	Kudeti Ramanjaneyulu	K. Ramanjaneyulu
2	18232	Akunuru Manikanta	A. Manikanta
3	18233	Kodali Manasa	K. Manasa
4	18234	Toleti Hareesh	T. Hareesh
5	18235	Tera Avinash	T. Avinash
6	18236	Chittibomma Syam Sri	C. Syam Sri
7	18237	Nimmagadda Pushpa Sri	N. Pushpa Sri
8	18238	Sammeta Vivek	S. Vivek
9	18239	Bandi Keerthana	B. Keerthana
10	18240	Konduru Nikhitha	K. Nikhitha
11	18241	Tokala Karthik Babu	T. Karthik Babu
12	18242	Chavan Sumanth Varma	C. Sumanth
13	18243	Shaik Shafee	Shaik Shafee
15	18245	Jannu Mounika	Jannu Mounika
16	18246	Maddali Praveen	M. Praveen
17	18247	Katuri Raj Kumar	K. Raj Kumar
18	18248	Abdul Jabbar	A. Jabbar
19	18249	Nerusu Banu	N. Banu

A. Swithes  
Signature of the Lecturer

N. V. Reddy  
Signature of the HOD

Head of the Department  
Department of Mathematics  
A.G. & S.G.S. Degree College  
VUYURU - 521 166

**AG & SG Siddhartha Degree College of Arts & Science (Autonomous), Vuyyuru**  
**Student Enrolment Sheet**

I Year B.Sc. MPC (English Medium) ; Year :: 2018-19

S.No:	Roll.No	Student Name	Signature
1	18.401	Kollipara Keerthi	K. Keerthi
2	18.402	Pamarthi Madhu Latha	P. Madhu Latha
3	18.403	Tata Mahendra	T. Mahendra
4	18.404	Gona Yoga Naga Sai Lakshmi	G. Y.N. Sai Lakshmi
5	18.405	Abdul Rasool	A. Rasool
6	18.406	Ammisetti Bhavana	A. Bhavana
7	18.407	Manepalli Sai Leela	M. Sai Leela
8	18.408	Nafeesunnisa	N. Nafeesunnisa
9	18.409	Somisetti Hanvitha	S. Hanvitha
10	18.410	Chilaka Vivek	C. Vivek
11	18.411	Rajulapati Pujitha	R. Pujitha
12	18.412	Vedanabhatla Venkata Poojitha Pravallika	V. V. Poojitha
13	18.413	Kodali Sweety	K. Sweety
14	18.414	Nakka Lokesh Babu	N. Lokesh Babu
15	18.415	Bellapu Tejeswari	B. Tejeswari
16	18.416	Yarrapothu Sri Lakshmi	Y. Sri Lakshmi
17	18.417	Metukumilli Radhika	M. Radhika
18	18.418	Doma Narasimha	D. Narasimha
19	18.419	Pisini Naga Sudha Rani	P. Naga Sudha Rani
20	18.420	Bandrapalli Sweety Leela	B. Sweety Leela
21	18.421	Medandrao Sai Kumar	M. Sai Kumar
22	18.422	Mohammad Azees	M. Azees
23	18.423	Kolluri Rajaratnam	K. Rajaratnam
24	18.424	Bonthu Nithin Reddy	B. Nithin Reddy
25	18.425	Arepalli Sri Hari	A. Sri Hari
26	18.426	Sonti Jagadeesh	S. Jagadeesh
27	18.427	Burra Akhila	B. Akhila
28	18.428	Kalidindi Satyavathi	K. Satyavathi
29	18.429	Chalapathi Vamsi Kiran	C. Vamsi Kiran
30	18.430	Tejavath Vineela	T. Vineela
31	18.431	Kapileswarapu Praveen	K. Praveen
32	18.432	Thiruveedhula Niranjan Kumar	T. Niranjan Kumar
33	18.433	Vaka Naga Sireesha	V. Naga Sireesha
34	18.434	Bibi Rahima	B. Rahima
35	18.435	Loya Sai Kumar	L. Sai Kumar
36	18.436	Vadlani Lakshmi Sai Chaitanya	V. Lakshmi Sai Chaitanya

*P. Smitha*  
 Signature of the Lecturer

*N.V. [Signature]*  
 Signature of the HOD  
 Head of the Department  
 Department of Mathematics  
 A.G & S.G.S. Degree College  
 VUYURU - 521 165

**AG & SG Siddhartha Degree College of Arts & Science (Autonomous), Vuyyuru**  
**Student Enrolment Sheet**

I Year B.Sc. MPCs (English Medium) [U.A.] ; Year :: 2018-19

S.No:	Roll.No	Student Name	Signature
1	18.601	Kancharla Tejaswini	K. Tejaswini
2	18.602	Gowsiya Parveen	G. Parveen
3	18.603	Vaka Meena Koteswari	V. Meena Koteswari
4	18.604	Pidugu Akhila	P. Akhila
5	18.605	Muppidi Deepika	M. Deepika
6	18.606	Tellakula Ganga Bhavani	T. Bhavani
7	18.607	Chandana Syamala Devi	C. Syamala Devi
8	18.608	Kalari Devi Venkata Naga Vara Priya	K. Priya
9	18.609	Mokkapati Baby Naga Venkata Reshma	M. Reshma
10	18.610	Battula Sumanth	B. Sumanth
11	18.611	Kaile Pranav Sanjay	K. Sanjay
12	18.612	Gujjula Deepika	G. Deepika
13	18.613	Ede Sirisha	E. Sirisha
14	18.614	Sheik Sufiya	S. Sufiya
15	18.615	Raziya Begum	R. Begum
16	18.616	Cheeli Sudha Veneela Rani	Ch. S.V Rani
17	18.617	Ponnala Kishore	P. Kishore
18	18.618	Parimi Syam Babu	P. Syam Babu
19	18.619	Parise Tejaswani	P. Tejaswini
20	18.620	Parise Torana Kumari	P. Torana Kumari
21	18.621	Jogi Lihalya	J. Lihalya
22	18.622	Kodali Meghana	K. Meghana
23	18.623	Kella Dinesh Phani	K. Phani
24	18.624	Shaik Shaheena Begum	S. S Begum
25	18.625	Pedapudi Naga Lakshmi	P. Naga Lakshmi
26	18.626	Vutukuri Niharika	V. Niharika
27	18.627	Shaik Karishma	S. Karishma
28	18.628	Chalamalasetty Deepthi	Ch. Deepthi
29	18.629	Gandham Anjaneyulu	G. Anjaneyulu
30	18.630	Padamata Anusha	P. Anusha
31	18.631	Moturi Bhavyasri	M. Bhavyasri
32	18.632	Ponugumati Kiran Raju	P. Kiran Raju
33	18.633	Mekala Veera Malli Babu	M. Malli Babu
34	18.634	Inala Devi	I. Devi
35	18.635	Konatham Vijaya Lakshmi	K. V. Lakshmi
36	18.636	Jampana Siva Parvathi	J. Siva Parvathi
37	18.637	Tripuram Divya	T. Divya
38	18.638	Mallela Anjaneyulu	M. Anjaneyulu
39	18.639	Muhammad Afreen	M. Afreen
40	18.640	Nallagulla Indumathi	N. Indumathi
41	18.641	Veeravarapu Bhargavi	V. Bhargavi
42	18.642	Mohammad Sabhiya Begum	M. S Begum
43	18.643	Tumati Gopi Krishna	T. Gopi Krishna
44	18.644	Kollipara Pavan Bharadwaj	K. P. Bharadwaj
45	18.645	Lakshmiapuram Mounika	L. Mounika
46	18.646	Arilli Kanaka Durga	A. Kanaka Durga
47	18.647	Mohammad Salman	M. Salam
48	18.648	Parupudi Pravallika	P. Pravallika
50	18.650	Arepalli Ratnavalli Chandrika	A. Chandrika
51	18.651	Mopidevi Hemanthakumar	M. Hemanthakumar
52	18.652	Jampana Rishitha Sree	J. Sree
53	18.653	Umme Tasneem Firdose	U. Firdose
54	18.654	Rajulapati Renuka Venkata Thirupatamma	R. Thirupatamma
55	18.655	Sirigineedi Mani Kanta	S. Manikanta
56	18.656	Vinnakota Anusha	V. Anusha
58	18.658	Puvvada Mounika	P. Mounika
59	18.659	Cheeli Lakshmi Priya	C. Lakshmi Priya
60	18.660	Mohammad Ibrahim	M. Ibrahim

*D. Smitha*  
Signature of the Lecturer

Head of the Department  
Department of Mathematics  
AG & SG Siddhartha Degree College  
Vuyyuru  
Signature of the HOD

AG & SG Siddhartha Degree College of Arts & Science (Autonomous), Vuyyuru

Student Enrolment Sheet

1 Year B.Sc. MCCs (English Medium) [U.A.]; Year :: 2018-19

S.No:	Roll.No	Student Name	Signature
1	18.701	Naralasetti Pujitha	N. Pujitha
2	18.702	Rehana Sultana	R. Sultana
3	18.703	Chikkavarapu Sowmya	C. Sowmya
4	18.704	Udugula Sandhya	U. Sandhya
5	18.705	Shaik Shabana	S. Shabana
6	18.706	Mahali Bhuvana	M. Bhuvana
7	18.707	Veeramallu Venkatesh	V. Venkatesh
8	18.708	Pallikonda Srividya	P. Srividya
9	18.709	Venna Sai Kumar	V. Sai Kumar
10	18.710	Jayavarapu Hari Krishna	J. Hari Krishna
11	18.711	Jittu Lakshmi(Games)	J. Lakshmi
13	18.713	Valluru Sruthi	V. Sruthi
14	18.714	Ganjala Anusha	G. Anusha
15	18.715	Nadakuduru Manilal	N. Manilal
16	18.716	Gaddam Navya	G. Navya
17	18.717	Katta Sri Anjali	K. Anjali
18	18.718	Allu Gouthami	A. Gouthami
19	18.719	Adapa Deepika	A. Deepika
21	18.721	Alla Venkata Sai	A. Venkata Sai
22	18.722	Bellam Jhansi	B. Jhansi
23	18.723	Kodeboyina Devi Ruchitha	K. Ruchitha
24	18.724	Kondiparthi Dhana Lakshmi	K. Lakshmi
25	18.725	Edupuganti Manoj Kumar	E. Manoj
26	18.726	Dokku Tulasi Krishna	D. Tulasi Krishna
27	18.727	Srikakulapu Hemanth Kumar	S. Hemanth
28	18.728	Valluru Sri Naga Tirusha	V. Tirusha
29	18.729	Menda Venkateswara Rao	M. Venkateswara Rao
30	18.730	Mediseti Siva Mani	M. Siva Mani
31	18.731	Mopidevi Suvarnavalli	M. Suvarnavalli
32	18.732	Arige Venkata Sai Madhav Babu	A. Madhav Babu
33	18.733	Anaparthi Masthanbi	A. Masthanbi
34	18.734	Veeragani Shanmukha Priya	V. Priya
35	18.735	Pamarthi Anil Kumar	P. Anil Kumar
36	18.736	Kolusu Veera Vara Prasad	K. Veera Prasad
37	18.737	Shaik Karishma Begum	S. Begum
38	18.738	Bheri Ruchitha	B. Ruchitha
39	18.739	Gantala Bhargavi	G. Bhargavi
40	18.740	Desavath Sowmya	D. Sowmya
41	18.741	Indupalli Tejaswi	I. Tejaswi
42	18.742	Karaki Venkata Siva Hemanth Kumar	K. Hemanth Kumar
43	18.743	Ranga Nagalakshmi	R. Nagalakshmi
44	18.744	Arepalli Rajeswari	A. Rajeswari
46	18.746	Pamarthi Divya	P. Divya
47	18.747	Jonnalagadda Venkata Sai Priya	J. Sai Priya
48	18.748	Morampudi Asritha	M. Asritha
49	18.749	Abdul Kareem Shoyed	A. Shoyed
50	18.750	Pasham Divya Durga	P. Divya Durga
51	18.751	Kolukonda Shantan Ravi Kumar	K. Ravi Kumar
52	18.752	Shaik Ayesha Begum	S. Ayesha Begum
53	18.753	Putti Divya	P. Divya
54	18.754	Arepalli Bhanusri	A. Bhanusri
55	18.755	Kilarapu Anusha	K. Anusha
56	18.756	Viswanadhapalli Vinaisi	V. Vinaisi
57	18.757	Veerla Sai Durga	V. Sai Durga
58	18.758	Ummadisetti Naveena	U. Naveena
59	18.759	Naredla Vasanth Reddy	N. Vasanth Reddy
60	18.760	Paladugu Sai Krishna Chowdary	P. Krishna Chowdary

A. Smithes  
Signature of the Lecturer

Head of the Department  
Department of Mathematics  
A. N. S. G. S. College  
Signature of the HOD

# AG & SG Siddhartha Degree College of Arts & Science (Autonomous), Vuyyuru

## Bridge Course Attendance

I Year B.Sc. MPC (Telugu Medium) ; Year :: 2018-19

S.No:	Roll.No	Student Name	F/M	Category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	18201	Barnala Padmanjali	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	18203	Arepalli Pavan Kumar	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	18204	Manikanta	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	18205	Kancharla Gowtham	M	SC	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	18206	Vakkalagadda Subhashini	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	18207	Kaza Naga Srilakshmi	F	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	18208	Valluri Bhargava	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	18209	Parasa Pavan Kumar	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
1	18231	Kudeti Ramanjaneyulu	M	OC	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
2	18232	Akunuru Manikanta	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	18233	Kodali Manasa	F	BC-B	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
4	18234	Toleti Hareesh	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	18235	Tera Avinash	M	SC	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
6	18236	Chittibomma Syam Sri	F	BC-B	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P
7	18237	Nimmagadda Pushpa Sri	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	18238	Sammeta Vivek	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	18239	Bandi Keerthana	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	18240	Konduru Nikhitha	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	18241	Tokala Karthik Babu	M	SC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
12	18242	Chavan Sumanth Varma	M	OC	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
13	18243	Shaik Shafee	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	18245	Jannu Mounika	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	18246	Maddali Praveen	M	SC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
17	18247	Katuri Raj Kumar	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	18248	Abdul Jabbar	M	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	18249	Nerusu Banu	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

*P. S. with the signature of the Lecturer*

**Head of the Department**  
**Department of Mathematics**  
**A.G. & S.G.S. Degree College**  
**VUYURU - 521 165**

Formulas on Differentiation

Formulas on Integration

Formulas on Trigonometry

Formulas on First order & Degree equations

Formulas on Higher order differential Equations

I Year B.Sc. MPC (English Medium) ; Year :: 2018-19

S.No:	Roll.No	Student Name	F/M	Category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	18.401	Kollipara Keerthi	F	BC-D	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A
2	18.402	Pamarthi Madhu Latha	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
3	18.403	Tata Mahendra	M	BC-B	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
4	18.404	Gona Yoga Naga Sai Lakshmi	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
5	18.405	Abdul Rasool	M	BC-E	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
6	18.406	Ammisetti Bhavana	F	OC	A	P	A	P	P	P	P	P	P	A	P	P	A	P	P
7	18.407	Manepalli Sai Leela	F	OC	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
8	18.408	Nafeesunnisa	F	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	18.409	Somisetti Hanvitha	F	OC	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
10	18.410	Chilaka Vivek	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	18.411	Rajulapati Pujitha	F	BC-B	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
12	18.412	Vedanabhatla Venkata Poojitha	F	OC	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P
13	18.413	Kodali Sweety	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A
14	18.414	Nakka Lokesh Babu	M	BC-D	P	P	P	P	A	P	A	P	A	P	P	P	P	A	P
15	18.415	Bellapu Tejeswari	F	OC	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
16	18.416	Yarrapothu Sri Lakshmi	F	OC	P	P	A	P	P	A	P	P	P	A	A	P	P	P	P
17	18.417	Metukumilli Radhika	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	18.418	Doma Narasimha	M	SC	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
19	18.419	Pisini Naga Sudha Rani	F	BC-D	P	P	A	P	A	P	P	P	P	P	P	P	A	P	P
20	18.420	Bandrapalli Sweety Leela	F	SC	A	P	P	A	P	P	P	P	P	P	P	P	A	P	P
21	18.421	Medandrao Sai Kumar	M	OC	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P
22	18.422	Mohammad Azees	M	BC-E	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
23	18.423	Kolluri Rajaratnam	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
24	18.424	Bonthu Nithin Reddy	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	18.425	Arepalli Sri Hari	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	18.426	Sonti Jagadeesh	M	BC-B	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P
27	18.427	Burra Akhila	F	SC	A	P	P	P	P	P	P	P	P	P	A	P	P	P	A
28	18.428	Kalidindi Satyavathi	F	BC-B	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P
29	18.429	Chalapati Vamsi Kiran	M	SC	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P
30	18.430	Tejavath Vineela	F	ST	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
31	18.431	Kapileswarapu Praveen	M	BC-A	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P
32	18.432	Thiruveedhula Niranjan Kumar	M	BC-B	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P
33	18.433	Vaka Naga Sireesha	F	BC-B	P	P	A	P	P	P	P	A	P	P	P	P	P	A	P
34	18.434	Bibi Rahima	F	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	18.435	Loya Sai Kumar	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
36	18.436	Vadlani Lakshmi Sai Chaitanya	M	OC	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P

Signature of the Lecturer

Head of the Department  
 Department of Mathematics  
 A.C. College  
 VUYURU - 521 165

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I Year B.Sc. MPCs (English Medium) [U.A.] ; Year :: 2018-19

S.No:	Roll.No	Student Name	F/M	Category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	18.601	Kancharla Tejaswini	F	BC-A	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
2	18.602	Gowsiya Parveen	F	BC-E	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
3	18.603	Vaka Meena Koteswari	F	OC	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
4	18.604	Pidugu Akhila	F	BC-D	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
5	18.605	Muppidi Deepika	F	BC-D	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	18.606	Tellakula Ganga Bhavani	F	BC-A	A	P	P	P	P	P	P	P	P	A	P	P	P	A	P
7	18.607	Chandana Syamala Devi	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
8	18.608	Priya	F	OC	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
9	18.609	Reshma	F	OC	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
10	18.610	Battula Sumanth	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	18.611	Kaile Pranav Sanjay	M	SC	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
12	18.612	Gujjula Deepika	F	SC	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
13	18.613	Ede Sirisha	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
14	18.614	Sheik Sufiya	F	BC-E	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
15	18.615	Raziya Begum	F	BC-E	P	P	A	P	P	P	P	P	P	P	P	A	P	A	P
16	18.616	Cheeli Sudha Veneela Rani	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	18.617	Ponnala Kishore	M	SC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
18	18.618	Parimi Syam Babu	M	SC	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
19	18.619	Parise Tejaswani	F	BC-B	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A
20	18.620	Parise Torana Kumari	F	BC-B	P	P	P	P	A	A	P	P	P	P	P	A	A	P	A
21	18.621	Jogi Lihalya	F	BC-B	P	P	P	P	P	A	P	P	P	P	P	P	P	A	A
22	18.622	Kodali Meghana	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	18.623	Kella Dinesh Phani	M	BC-D	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
24	18.624	Shaik Shaheena Begum	F	BC-E	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	18.625	Pedapudi Naga Lakshmi	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	18.626	Vutukuri Niharika	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	18.627	Shaik Karishma	F	BC-E	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	18.628	Chalamalasetty Deepthi	F	OC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
29	18.629	Gandham Anjaneyulu	M	OC	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
30	18.630	Padamata Anusha	F	BC-B	P	P	A	P	P	P	A	A	P	P	P	P	P	P	P
31	18.631	Moturi Bhavyasri	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
32	18.632	Ponugumati Kiran Raju	M	SC	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
33	18.633	Mekala Veera Malli Babu	M	BC-D	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
34	18.634	Inala Devi	F	OC	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
35	18.635	Konatham Vijaya Lakshmi	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P

Signature of the Head of the Department

Head of the Department  
Department of Mathematics  
A.G. & S. Degree College  
VUYYURU - 521 165

Ponnala  
on 11/11/2019

Ponnala  
on 11/11/2019

Ponnala  
on 11/11/2019

Ponnala  
on 11/11/2019

D. L. V.

36	18.636	Jampana Siva Parvathi	F	BC-D	P	P	P	P	P	P	A	P	P	P	P	P	P	A
37	18.637	Tripuram Divya	F	BC-D	P	P	P	P	P	A	P	P	P	A	P	P	P	P
38	18.638	Mallela Anjaneyulu	M	SC	P	P	P	P	P	P	P	P	P	A	P	P	P	P
39	18.639	Muhammad Afreen	F	BC-E	P	P	A	P	P	P	P	A	P	A	P	P	P	P
40	18.640	Nallagulla Indumathi	F	ST	P	P	A	P	P	P	P	A	P	P	P	P	P	P
41	18.641	Veeravarapu Bhargavi	F	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	18.642	Mohammad Sabhiya Begum	F	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	18.643	Tumati Gopi Krishna	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	18.644	Kollipara Pavan Bharadwaj	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	18.645	Lakshmipuram Mounika	F	BC-A	P	P	P	A	P	P	P	P	A	P	P	P	P	P
46	18.646	Arilli Kanaka Durga	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	18.647	Mohammad Salman	M	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	18.648	Parupudi Pravallika	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	18.650	Arepalli Ratnavalli Chandrika	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	18.651	Mopidevi Hemanthakumar	M	BC-A	P	P	P	P	P	P	A	P	P	P	P	P	P	P
52	18.652	Jampana Rishitha Sree	F	BC-B	P	P	P	P	P	P	A	P	P	P	P	A	P	P
53	18.653	Umme Tasneem Firdose	F	BC-E	P	P	P	A	P	P	P	P	A	P	P	P	A	P
54	18.654	Rajulapati Renuka Venkata Thirupata	F	BC-B	P	P	P	P	P	P	P	P	A	P	P	P	A	P
55	18.655	Sirigineedi Mani Kanta	M	OC	P	P	P	A	P	P	P	P	P	P	P	P	P	P
56	18.656	Vinnakota Anusha	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	18.658	Puvvada Mounika	F	OC	P	P	P	P	P	P	P	A	P	P	P	A	P	P
59	18.659	Cheeli Lakshmi Priya	F	SC	P	P	P	P	P	P	P	P	P	P	P	A	P	P
60	18.660	Mohammad Ibrahim	M	BC-E	P	P	P	A	P	P	P	P	P	A	P	P	P	P

*P. Switha*  
Signature of the Lecturer

*N.V. [Signature]*  
Signature of the Head  
Head of the Department  
Department of Mathematics  
A.G. & S.G.S. Degree College  
VUYYURU - 521 165

Formulas on  
Differentiation

Formulas on  
Integration

Formulas on  
Trigonometry

Formulas on  
Set Theory





38	18.738	Bheri Ruchitha	F	BC-B	P	P	P	P	P	P	P	A	A	P	A	P	P	A	P
39	18.739	Gantala Bhargavi	F	BC-D	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P
40	18.740	Desavath Sowmya	F	ST	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
41	18.741	Indupalli Tejaswi	F	BC-B	P	A	P	A	P	P	P	P	P	P	P	P	P	A	P
42	18.742	Karaki Venkata Siva Hemanth Kumar	M	BC-B	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P
43	18.743	Ranga Nagalakshmi	F	OC	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
44	18.744	Arepalli Rajeswari	F	BC-B	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
46	18.746	Pamarthi Divya	F	BC-B	P	P	P	P	P	P	P	P	P	A	A	P	P	A	P
47	18.747	Jonnalagadda Venkata Sai Priya	F	BC-D	P	A	P	P	P	P	P	P	P	A	P	P	P	A	P
48	18.748	Morampudi Asritha	F	BC-D	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
49	18.749	Abdul Kareem Shoyed	M	BC-E	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
50	18.750	Pasham Divya Durga	F	OC	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A
51	18.751	Kolukonda Shantan Ravi Kumar	M	OC	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
52	18.752	Shaik Ayesha Begum	F	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A
53	18.753	Putti Divya	F	BC-D	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
54	18.754	Arepalli Bhanusri	F	BC-B	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P
55	18.755	Kilarapu Anusha	F	BC-D	P	P	P	P	P	P	A	A	P	P	P	P	P	A	P
56	18.756	Viswanadhapalli Vinasis	F	SC	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
57	18.757	Veerla Sai Durga	F	BC-D	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
58	18.758	Ummadisetti Naveena	F	OC	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P
59	18.759	Naredla Vasanth Reddy	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	18.760	Paladugu Sai Krishna Chowdary	M	OC	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P

A-Smithe  
Signature of the lecturer

N.V. [Signature]  
Signature of the HOD  
Head of the Department  
Department of Mathematics  
A.G. & S.G.S. Degree College  
VUYYURU - 521 165

Formulas on  
Differentiation

Formulas on  
Integration

Formulas on  
Trigonometry

Formulas  
on V.Dyee  
D. E.I.S

Department of MathematicsBridge Course Question Paper

Date: 2018-19

Time: 1Hrs

Max.Marks:30M

Answer ALL the following questions.

15 x 2 = 30M

- 1)  $\frac{d}{dx} (e^{3x^2}) =$   
 a)  $e^x$       b)  $e^{3x^2}$       c)  $6x e^{3x^2}$       d)  $6e^{3x^2}$
- 2)  $\frac{d}{dx} (1/x) = ?$   
 a)  $x^2$       b)  $-x^2$       c)  $1/x^2$       d)  $-1/x^2$
- 3) what the second derivative of  $-x^3$ ?  
 a)  $-3x$       b)  $3x$       c)  $-6x$       d)  $6x$
- 4) If  $\frac{d}{dx}(f(x))$  is  $g(x)$ , then the antiderivative of  $g(x)$  is  
 a)  $f(x)$       b)  $f'(x)$       c)  $g'(x)$       d) None of above
- 5)  $\int_0^{\pi} \sin^2 x \, dx =$   
 a)  $\pi/2$       b)  $\pi/4$       c)  $2\pi$       d)  $4\pi$
- 6) value of  $\int x \log x \, dx$  is  
 a)  $\frac{x^2 \log x}{2} - \frac{x^2}{4} + c$       b)  $\frac{x \log x}{2} - \frac{x}{4} + c$       c)  $x^2 \log x - \frac{1}{4x} + c$       d)  $\frac{(\log x)^2}{2} - \frac{x^2}{4} + c$
- 7) The domain of  $\sin^{-1}(2x)$  is  
 a)  $[0, 1]$       b)  $[-1, 1]$       c)  $[-1/2, 1/2]$       d)  $[-2, 2]$
- 8) which of the following is the principal value of  $\cos^{-1} x$ .  
 a)  $[-\pi/2, \pi/2]$       b)  $[0, \pi]$       c)  $(0, \pi)$       d)  $(0, \pi) - \{ \pi/2 \}$

9) If  $\sin\theta$  and  $\cos\theta$  are the roots of  $ax^2 - bx + c = 0$  then the relation b/w  $a, b$  and  $c$  will be.

- a)  $a^2 + b^2 + 2ac = 0$     b)  $a^2 - b^2 + 2ac = 0$     c)  $a^2 + c^2 + 2ab = 0$     d)  $a^2 - b^2 - 2ac = 0$

10) If  $A$  is a square matrix, then  $A - A'$  is a

- a) diagonal matrix    b) skew-symmetric matrix.  
c) symmetric matrix    d) none of these.

11) What is the order of the matrix  $A = \begin{bmatrix} 3 & 5 \\ 7 & 9 \end{bmatrix}$

- a)  $2 \times 2$     b)  $2 \times 3$     c)  $3 \times 3$     d)  $4 \times 4$ .

12) The order of the matrix is  $m \times n$  then how many elements will be there in the matrix

- a)  $mn$     b)  $m^2 n^2$     c)  $mn^2$     d)  $2mn$ .

13) The graph of  $x = -2$  is a line parallel to the

- a) x-axis    b) y-axis    c) both x and y-axis    d) None of these.

14) The equations  $ax + by + cz = 0$  and  $dx + ey + cz = 0$  represent the same straight line if

- a)  $ad = be$     b)  $ac = bd$     c)  $be = ad$     d)  $ab = de$ .

15) The graph of the equation  $2x + 3y = 5$  is a

- a) vertical line    b) straight line    c) horizontal line    d) None of the

Answer ALL the following questions.

15 x 2 = 30M

13  
15

- 1)  $\frac{d}{dx} (e^{3x^2}) =$   
 a)  $e^x$       b)  $e^{3x^2}$       ~~c)  $6x e^{3x^2}$~~       d)  ~~$6e^{3x}$~~
- 2)  $\frac{d}{dx} (1/x) = ?$   
 a)  $x^2$       b)  ~~$-x^2$~~       c)  $1/x^2$       d)  $-1/x^2$
- 3) what the second derivative of  $-x^3$ ?  
 a)  $-3x$       b)  $3x$       ~~c)  $-6x$~~       d)  ~~$6x$~~
- 4) If  $\frac{d}{dx}(f(x))$  is  $g(x)$ , then the antiderivative of  $g(x)$  is  
 a)  $f(x)$       b)  $f'(x)$       ~~c)  $g'(x)$~~       d) None of above
- 5)  $\int_0^{\pi} \sin^2 x \, dx =$   
 a)  ~~$\pi/2$~~       b)  $\pi/4$       ~~c)  $2\pi$~~       d)  ~~$4\pi$~~
- 6) value of  $\int x \log x \, dx$  is:  
 a)  ~~$\frac{x^2 \log x}{2} - \frac{x^2}{4} + c$~~       b)  $\frac{x \log x}{2} - \frac{x}{2} + c$       c)  $x^2 \log x - \frac{1}{2x} + c$       d)  $\frac{(\log x)^2}{2} + c$
- 7) The domain of  $\sin^{-1}(2x)$  is  
 a)  $[0, 1]$       b)  $[-1, 1]$       ~~c)  $[-1/2, 1/2]$~~       d)  $[-2, 2]$
- 8) which of the following is the principal value of  $\cos^{-1} x$ .  
 a)  $[-\pi/2, \pi/2]$       ~~b)  $[0, \pi]$~~       c)  $(0, \pi)$       d)  $(0, \pi) - \{\pi/2\}$

If  $\sin \theta$  and  $\cos \theta$  are the roots of  $ax^2 + bx + c = 0$  then the relation b/w  $a, b$  and  $c$  will be

- a)  $a^2 + b^2 + 2ac = 0$     ~~b)  $a^2 + b^2 + 2ac = 0$~~     c)  $a^2 + c^2 + 2abc = 0$     d)  $a^2 + b^2 + 2ac = 0$

If  $A$  is a square matrix, then  $A - A^T$  is a

- a) diagonal matrix    ~~b) skew-symmetric matrix~~  
 c) symmetric matrix    d) none of these.

What is the order of the matrix  $A = \begin{bmatrix} 3 & 2 \\ 4 & 7 \end{bmatrix}$

- ~~a)  $2 \times 2$~~     b)  $2 \times 3$     ~~c)  $3 \times 3$~~     d)  $4 \times 4$

The order of the matrix  $A$  ( $m \times n$ ) then has many elements will be there be in the matrix

- ~~a)  $mn$~~     b)  $m^2 + n^2$     ~~c)  $mn^2$~~     d)  $2mn$

The graph of  $x = 2$  is a line parallel to the

- a) x-axis    ~~b) y-axis~~    c) both x and y-axis    d) none of these

The equations  $ax + by + cz = 6$  and  $dx + cy + ez = 0$  represent the same straight line if

- a)  $ad = bc$     ~~b)  $ac = bd$~~     c)  $be = ad$     d)  $ab = de$

The graph of the equation  $2x + 3y - 5 = 0$  is a

- a) vertical line    ~~b) straight line~~    c) horizontal line    d) none of these

Time: 1Hrs

Answer ALL the following questions.

15 x 2 = 30M

$\frac{13}{15}$

1)  $\frac{d}{dx} (e^{3x^2}) =$

- a)  $e^x$       b)  $e^{3x^2}$       c)  ~~$6x e^{3x^2}$~~       d)  $6e^{3x^2}$

2)  $\frac{d}{dx} (1/x) = ?$

- a)  $x^2$       b)  ~~$-x^2$~~       c)  $1/x^2$       d)  $-1/x^2$

3) what the second derivative of  ~~$-x^3$~~ ?

- a)  $-3x$       b)  $3x$       c)  ~~$-6x$~~       d)  $6x$

4) If  $\frac{d}{dx}(f(x))$  is  $g(x)$ , then the antiderivative of  $g(x)$  is

- a)  $f(x)$       b)  $f'(x)$       c)  ~~$g'(x)$~~       d) None of above

5)  $\int_0^\pi \sin^2 x \, dx =$

- a)  $\pi/2$       b)  $\pi/4$       c)  $2\pi$       d)  ~~$4\pi$~~

6) value of  $\int x \log x \, dx$  is

- a)  ~~$\frac{x^2 \log x}{2} - \frac{x^2}{4} + c$~~       b)  $\frac{x \log x}{2} - \frac{x}{4} + c$       c)  $x^2 \log x - \frac{1}{4} + c$       d)  $\frac{(\log x)^2}{2} - \frac{x}{4}$

7) The domain of  $\sin^{-1}(2x)$  is

- a)  $[0, 1]$       b)  $[-1, 1]$       c)  ~~$[-1/2, 1/2]$~~       d)  $[-2, 2]$

8) which of the following is the principal value of  $\cos^{-1}x$ .

- a)  $[-\pi/2, \pi/2]$       b)  ~~$[0, \pi]$~~       c)  $(0, \pi)$       d)  ~~$(0, \pi) - \{\pi/2\}$~~

1) If  $\sin \theta$  and  $\cos \theta$  are the roots of  $ax^2 + bx + c = 0$  then the relation b/w  $a, b$  and  $c$  will be

- a)  $a^2 + b^2 + 2ac = 0$    b)  ~~$a^2 - b^2 + 2ac = 0$~~    c)  ~~$a^2 + c^2 + 2ab = 0$~~    d)  $a^2 - b^2 - 2ac = 0$

2) If  $A$  is a square matrix, then  $A - A^T$  is a

- a) diagonal matrix   b) ~~skew-symmetric matrix~~  
c) symmetric matrix   d) none of these.

3) What is the order of the matrix  $A = \begin{bmatrix} 3 & 5 \\ 7 & 9 \end{bmatrix}$

- a)  ~~$2 \times 2$~~    b)  $2 \times 3$    c)  ~~$3 \times 3$~~    d)  $4 \times 4$

4) The order of the matrix is  $m \times n$  then how many elements will be there in the matrix

- a)  ~~$mn$~~    b)  $m^2 n^2$    c)  $mn^2$    d)  ~~$2mn$~~

5) The graph of  $x = 2$  is a line parallel to the

- a)  $x$ -axis   b)  ~~$y$ -axis~~   c) both  $x$  and  $y$ -axis   d) None of these

6) The equations  $ax + by + cz = 0$  and  $dx + ey + fz = 0$  represent the same straight line if

- a)  $ad = be$    b)  ~~$ac = bd$~~    c)  ~~$be = ad$~~    d)  $ab = de$

7) The graph of the equation  $2x + 3y - 5 = 0$  is a

- a) vertical line   b) ~~straight line~~   c) horizontal line   d) None of these



# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

(Managed by: Siddhartha Academy of General & Technical Education, Vijayawada-10)

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade



## **Internal Quality Assurance Cell (IQAC)**

### **Bridge Course**

Department : **PHYSICS**

Academic year : **2018-19**

Semester : **I**

**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course**  
**Student Enrolment Sheet**  
**2018-19**

Class : I B.Sc (E.M,T.M,CS )

S. No	Roll No.	Name of the Student	Signature
1	18-231	K.Ramanjaneyulu	K. Ramanjaneyulu
2	18-232	A.Manikanta	A. Manikanta
3	18-233	K.Manasa	K. Manasa
4	18-234	T.Hareesh	T. Hareesh
5	18-235	T.Avinash	T. Avinash
6	18-236	CH.Syam sri	CH. Syam sri
7	18-237	N.Pushpa sri	N. Pushpa sri
8	18-238	S.vivek	S. Vivek
9	18-239	B.Keerthana	B. Keerthana
10	18-240	K.nikhita	K. Nikhita
1	18-401	K.Kerthi	K. Kerthi
2	18-402	P.Madhu latha	P. Madhu latha
3	18-403	T.Mahendra	T. Mahendra
4	18-404	G.Yoga naga sai lakshmi	G. Y. N. Sai Lakshmi
5	18-405	Abdul.Rasool	Abdul Rasool
7	18-406	A.Bhavana	A. Bhavana
8	18-407	M.Sai leela	M. Sai Leela
9	18-408	Nafessunnisa	N. Nafessunnisa
10	18-409	S.Hanvitha	S. Hanvitha
11	18-410	Ch.vivek	Ch. Vivek
12	18-411	R.Pujitha	R. Pujitha
13	18-412	V.Venkata pujitha pravallika	V. Venkata Pujitha Pravallika
14	18-413	K.Sweety	K. Sweety
15	18-414	N.Lokesh babu	N. Lokesh Babu
25	18-415	B.tejeswari	B. Tejeswari
26	18-416	Y.Srilakshmi	Y. Sri Lakshmi
27	18-417	M.Radhikaa	M. Radhikaa
28	18-418	D.Narasimha	D. Narasimha
29	18-419	P.Naga sudha rani	P. Naga Sudha Rani
30	18-420	B.Sweety leela	B. Sweety Leela
31	18-601	K.Tejaswini	K. Tejaswini
32	18-602	G.Praveen	G. Praveen
33	18-603	V.Meena koteswari	V. Meena Koteswari
34	18-604	P.Akhila	P. Akhila
35	18-605	M.Deepika	M. Deepika
36	18-606	T.Ganga bhavani	T. Ganga Bhavani
37	18-607	C.Syamala devi	C. Syamala Devi
38	18-608	K.D.V.N.Vara priya	K. D. V. N. Vara Priya
39	18-609	M.B.N.V. Reshma	M. B. N. V. Reshma
40	18-610	B.Sumanth	B. Sumanth
41	18-611	K.Prana sanjay	K. Prana Sanjay
42	18-612	G.Deepika	G. Deepika
43	18-613	E.Sirisha	E. Sirisha
44	18-614	S.Sufiya	S. Sufiya
45	18-615	R.Begum	R. Begum

46	18-616	C.Sudha veneela rani	C.Sudha Veneela rani
47	18-617	P.Kishore	P.Kishore
48	18-618	P.Syambabu	P. Syambaby
49	18-619	P.Tejaswini	T. Tejana Kumara
50	18-620	P.Torana kumara	P. Torana kumara
51	18-621	J.Lihalya	J. Lihalya
52	18-624	S.Saheena begum	S. Sahenna begum
53	18-625	P.Naga lakshmi	P. Naga lakshmi
54	18-626	V.Niharika	V. Niharika
55	18-627	S.Karishma	S. Karishma
56	18-628	C.Deepthi	C. Deepthi
57	18-629	G.Anjaneyulu	G. Anjaneyulu
58	18-630	P.Anusha	P. Anusha
59	18-631	M.Bhavya sri	M. Bhavya Sri
60	18-632	P.Kiran raju	P. Kiran raju
61	18-633	M.Veera malli babu	M. Veera malli babu

M. Lathu  
(Lecturer)

T. Anubala  
(H.O.D)

**A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course**

**OBJECTIVE :-**

- 1) To revise the basics of Physics subject and to introduce new topics and syllabus of B.Sc.
- 2) Students get familiar with the terms which will be used during regular classes.
- 3) To understand the fundamentals of the sub disciplines in physics .

**OUTCOME :-**

At the end of the Bridge course, learning outcome will be

- 1) The students have an enhanced knowledge and appreciation of topics related to Physics.

**Syllabus**

**Title : Basic concepts of Physics**

**I) INTRODUCTION TO OPTICS**

- a) Different types of lenses
- b) Laser – Types of lasers
- c) Half and Quarter wave plate
- d) Optical fibers
- e) Properties of light

**II) BASICS OF ELECTRICITY**

- a) PN – junction diode, Zener diode
- b) Transistors and their Types
- c) Electro magnetic waves
- d) Electro magnetic induction

**III) INTRODUCTION TO MODERN PHYSICS**

- a) Raman effect
- b) Heisenberg uncertainty principle
- c) Planck's radiation law





30	18-420	B.Sweety leela	SC	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	17
31	18-601	K.Tejaswini	BC-A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
32	18-602	G.Praveen	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
33	18-603	V.Meena koteswari	OC	P	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	A	16
34	18-604	P.Akhila	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
35	18-605	M.Deepika	BC-D	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P	A	P	P	16
36	18-606	T.Ganga bhavani	BC-A	P	P	P	P	P	A	A	P	P	P	P	P	A	A	A	A	P	P	16
37	<b>18-607</b>	C.Syamala devi	OC	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	18
38	18-608	K.D.V.N.Vara priya	OC	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	19
39	18-609	M.B.N.V.Reshma	OC	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	17
40	18-610	B.Sumanth	BC-D	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	18
41	18-611	K.Pranar sanjay	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
42	18-612	G.Deepika	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
43	18-613	E.Sirisha	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
44	18-614	S.Sufiya	BC-E	P	P	A	P	P	P	P	A	P	P	P	A	P	P	A	P	P	P	16
45	18-615	R.Begum	BC-E	P	P	P	P	A	A	P	P	P	A	P	P	A	P	P	P	P	P	16
46	18-616	C.Sudha veneela rani	SC	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	18
47	18-617	P.Kishore	SC	P	P	A	P	P	A	P	P	P	A	P	P	P	P	A	A	P	P	15

48	18-618	P.Syambabu	SC	P	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	17
49	18-619	P.Tejaswini	BC-B	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	18
50	18-620	P.Torana kumara	BC-B	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	19
51	18-621	J.Lihalya	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
52	18-624	S.Saheena begum	BC-E	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	18
53	18-625	P.Naga lakshmi	SC	P	P	P	P	P	P	A	A	A	A	A	P	P	P	P	P	P	P	P	15
54	18-626	V.Niharika	OC	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	16
56	18-627	S.Karishma	BC-E	P	P	A	P	P	P	P	P	A	A	P	P	P	P	P	P	A	P	P	16
57	18-628	C.Deepthi	OC	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	19
58	18-629	G.Anjaneyulu	OC	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	18
59	18-630	P.Anusha	BC-B	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	18
60	18-631	M.Bhavya sri	SC	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P	A	P	P	P	16
61	18-632	P.Kiran raj	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	19
62	18-633	M.Veera malli babu	BC-D	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	16



# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

(Managed by: Siddhartha Academy of General & Technical Education, Vijayawada-10)

An Autonomous College in the Jurisdiction of Krishna University

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## **Internal Quality Assurance Cell (IQAC)**

### **Bridge Course**

Department	:	POLITICAL SCIENCE
Academic year	:	2018-2019
Semester	:	I

**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh


**Bridge Course**

**Student Enrolment Sheet**

Class : I.B.A

S. No	Roll No.	Name of the Student	Signature
1	1811001	E. Venkata Ramana	E. Venkata Ramana
2	1811002	T. Nagaswami	T. Nagaswami
3	1811003	D. Swapna	D. Swapna
4	1811004	E. Pavan Kumar	E. Pavan Kumar
5	1811005	P. Rajeswari	P. Rajeswari
6	1811013	U. Rajani	U. Rajani
7	1811016	M. Pusitha	M. Pusitha
8	1811019	B. Nagamani	B. Nagamani
9	1811020	K. Lokesh	K. Lokesh
10	1811022	P. Prem Kumar	P. Prem Kumar
11	1811023	V. Rama Krishna	V. Ramakrishna
12	1811024	T. Akhila	T. Akhila
13	1811025	K. Navya	K. Navya
14	1811028	Md. Rabi	Md. Rabi
15	1811029	K. Trinadh	K. Trinadh

Dr. G. Veera Raju  
Head, Department of Political Science  
A.G. & S.G. Siddhartha Degree College  
(Autonomous), VUYURU - 521 165

  
PRINCIPAL  
AG & SG Siddhartha Degree College of  
Arts & Science (Autonomous), Vuyyuru

**Bridge Course**

**Syllabus**

Unit No.	Topic to be covered	Remarks
I	Basic Concepts of political Science	
II	Basic fundamental principals of political science	

**Basic Concepts of political Science**

Political science is a social science discipline that studies the theory and practice of politics, government systems, and the distribution of power within societies. It explores various aspects of political behavior, institutions, policies, and their impact on individuals and societies. Here are some basic concepts in political science:

1. **Power:** Power refers to the ability of individuals, groups, or institutions to influence or control the behavior of others. It can be exercised through various means, such as authority, coercion, persuasion, or manipulation.
2. **State:** The state is a political entity that has a defined territory, a government, and the ability to exercise sovereignty over its population. It typically includes institutions such as the executive, legislature, and judiciary.
3. **Government:** Government refers to the formal institutions and processes through which a state exercises its authority and carries out its functions. It includes the elected and appointed officials who make and enforce laws, implement policies, and provide public services.
4. **Democracy:** Democracy is a system of government in which power is vested in the people, who exercise it directly or through elected representatives. It emphasizes the principles of political equality, popular participation, and protection of individual rights and liberties.
5. **Authoritarianism:** Authoritarianism is a form of government characterized by the concentration of power in the hands of a single leader or a small group, with limited political freedoms and opposition control. It often involves repressive measures and lacks accountability and checks on government authority.
6. **Political ideology:** Political ideologies are sets of beliefs, values, and ideas that guide political behavior and policy preferences. They provide frameworks for understanding and evaluating political issues, ranging from conservatism, liberalism, socialism, and nationalism to various other ideologies.
7. **Public policy:** Public policy refers to the decisions and actions taken by governments to address societal problems and achieve specific goals. It encompasses laws, regulations, programs, and initiatives aimed at shaping social, economic, and political outcomes.

8. **International relations:** International relations focus on the study of interactions and relations between nations and other international actors, such as international organizations and multinational corporations. It examines issues such as diplomacy, war and peace, global governance, and economic cooperation.
  9. **Political economy:** Political economy explores the interplay between politics and economics, analyzing how political institutions and processes influence economic systems, policies, and outcomes. It examines the distribution of resources, wealth, and power within societies.
  10. **Comparative politics:** Comparative politics involves the systematic study and comparison of political systems, institutions, and processes across different countries or regions. It seeks to identify similarities, differences, and patterns to gain insights into the causes and consequences of political phenomena.
- These concepts provide a foundation for understanding political science and its analysis of political phenomena at the individual, national, and international levels.

### **Basic fundamental principles of political science:**

Political science is a social science discipline that studies the theory and practice of politics, government systems, and the distribution of power within societies. It explores various aspects of political behavior, institutions, policies, and their impact on individuals and societies. Here are some basic concepts in political science:

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5. **Authoritarianism:** Authoritarianism is a form of government characterized by the concentration of power in the hands of a single leader or a small group, with limited political freedoms and opposition control. It often involves repressive measures and lacks accountability and checks on government authority.

**1. When was the first general election to the Lok Sabha held?**

- (A) 1950
- (B) 1951
- (C) 1952
- (D) 1955

**2. By whom is the budget passed first?**

- (A) Rajya Sabha
- (B) Lok Sabha
- (C) both (A) and (B)
- (D) none of these

**3. Indian Parliament is included in?**

- (A) Lok Sabha only
- (B) Lok Sabha and President
- (C) Rajya Sabha only
- (D) Lok Sabha, Rajya Sabha, president

**4. Who appoints the provisional Speaker of Lok Sabha?**

- (A) President
- (B) Election Commission
- (C) Vice President
- (D) Outgoing Speaker of Lok Sabha

**5. Who among the following is called the Custodian of Lok Sabha?**

- (A) Leader of the opposition party
- (B) Speaker of the Lok Sabha
- (C) Prime Minister
- (D) none of these

**6. To whom do the members of the Lok Sabha submit their resignations?**

- (A) Prime Minister
- (B) President
- (C) Speaker of the Lok Sabha
- (D) none of these

**7. In which house the no-confidence motion is brought?**

- (A) in either house
- (B) Lok Sabha
- (C) Rajya Sabha
- (D) none of these

**8. How many times the same person can be made the President of India?**

- (A) many times
- (B) twice
- (C) three times
- (D) only once

9. Which veto power does the President of India have?

- (A) Suspended Prohibition
- (B) Complete prohibition
- (C) Pocket
- (D) All these

10. Parliament is not included in?

- (A) Rajya Sabha
- (B) President of India
- (C) Lok Sabha
- (D) Chief Election Commissioner

BITS:

KEY

1B

2B

3D

4A

5B

6C

7B

8B

9C

10D



## BITS

9  
10

1. When was the first general election to the Lok Sabha held?

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- (B) 1951
- (C) 1952
- (D) 1955

(B) ✓

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- (B) Lok Sabha
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- (D) none of these

(B) ✓

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- (B) Lok Sabha and President
- (C) Rajya Sabha only
- (D) Lok Sabha, Rajya Sabha, president

(B) ✓

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- (A) President
- (B) Election Commission
- (C) Vice President
- (D) Outgoing Speaker of Lok Sabha

(B) ✓

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- (B) Speaker of the Lok Sabha
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- (D) none of these

(B) ✓

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- (B) President
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- (D) none of these

(C) ✓

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- (D) only once

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- (B) Complete prohibition
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- (D) All these

(C)

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- (B) President of India
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- (D) Chief Election Commissioner

(B)

**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course - Attendance Register**

Class / Section: **I B.A**

Year : **2018-19** Department of Political Science

Paper: **Basic concepts of Political Science** Lecturer: **Dr. G. Veerajisu**

Sl. No	Roll No	Student Name	category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1	1811001	E. Venkata Ramana	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	19
2	1811002	T. NAGASWAMI	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
3	1811003	D. Swapna	SC	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	A	P	P	17
4	1811004	E. Pavan Kumar	SC	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	18
5	1811005	P. Rajeswari	BC-D	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	19
6	1811006	U. Rajani	BC-B	P	P	A	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	17
7	1811016	M. Puzitha	SC	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	18
8	1811019	B. NAGAMANI	SC	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
9	1811020	K. Jothesh	BC-B	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	18
10	1811022	P. Premakumar	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
11	1811023	V. Rama Krishna	BC-D	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	17
12	1811024	T. Akhila	SC	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	18
13	1811025	K. Navya	SC	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	19
14	1811028	Md. Rafti	BC-E	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	A	P	P	17
15	1811029	K. Trinadh	SC	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	19

Dr. G. Veerajisu  
Department of Political Science  
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## Internal Quality Assurance Cell (IQAC)

### Bridge Course

Department : Telugu

Academic year : 2018-2019

Semester : one

Department of Telugu

వర్ణనమామ్యాయము: వర్ణమనగా అక్షరము సమామ్యాయమనగా  
సముదాయము అని అర్థము.

మన తెలుగుభాషలో సంస్కృతము నుండియు, ప్రాకృతము  
నుండియును పుట్టిన పదములు కొన్నికలవు.

సంస్కృతమునకు అక్షరములు ఏబది =50

సంస్కృత భాషకు అచ్చులు-16.

అ ఆ ఇ ఈ ఉ ఊ ఋ  
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హల్లులు- 34.

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ప ఫ బ భ మ య ర ల వ శ  
ష స హ క.

ప్రాకృతమునకు నలుతది - 40.

అచ్చులు- 10.

అ ఆ ఇ ఈ ఉ ఊ ఏ ఓ అం అః

హల్లులు- 30.

క ఖ గ ఘ చ ఛ జ ఝ  
ట ఠ డ ఢ ణ త థ ద ధ న  
ప ఫ బ భ మ య ర ల వ  
ష స హ క.

గమనిక: సంస్కృతములో కంటే ప్రాకృతములో పదియక్షరములు తక్కువ.

[ఋ ఌ ఐ ఔ ఞ శ ష అనునవి ఇందులేవు]

అచ్చతెనుగు తెనుగునకు వర్ణములు ముప్పదియాలు

అచ్చులు-14. అ ఆ ఇ ఈ ఉ ఊ ఎ  
ఏ ఐ ఒ ఓ ఔ అం అః [ ఋ ఌ లు లేవు ]

హల్లులు- 22. క గ చ చే ష జే ట డ  
ణ త ద న ప బ మ య [ ఒత్తు అక్షరములు  
ఞ్ఞ, ఞ, శ, క్ష, ణ,లు లేవు ]  
ర ల వ స హ శ

ఆంధ్రభాషకు అక్షరములు ఏబదియాలు - 56.

అ ఆ ఇ ఈ ఉ ఊ ఋ ఌ

ఎ ఏ ఐ ఒ ఓ ఔ ం ఁ :

క ఖ గ ఘ ఙ చ చే ఛ

జ ఙే ఝ ఞ ఠ డ ఢ ణ

త థ ద ధ న ప ఫ బ భ మ

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గమనిక: సంస్కృతముకంటే ఆంధ్రమున ఆరు అక్షరములు ఎక్కువగా కలవు.

[ ఎ ఒ చ ష ణ ఇవి సంస్కృతమున లేవు. ]

ఆంధ్ర భాషలో 56 అక్షరములను మూడు రకములుగా విభజించిరి.

1. అచ్చులు : ఇవి 16. అ' నుండి ఔ' వరకు గల అక్షరములు.

అ ఆ ఇ ఈ ఉ ఊ ఋ ఌ

ఎ ఏ ఐ ఒ ఓ ఔ.

ఇవి స్వతంత్రముగ పలుకబడును. వీనికే స్వరములు, ప్రాణములు అనియు పేర్లు.

2. హల్లులు : ఇవి 37. క' నుండి హ' వరకు గల అక్షరములు.

క ఖ గ ఘ చ చే ఛ ఙ

ఞ ఠ డ ఢ ణ త థ ద ధ న

ప ఫ బ భ మ య ర ల ల శ వ శ ష స హ

ఇవి అచ్చుల సహాయమున ఉచ్చరింపబడును.

[ ఉదా : క్ + అ = క ; గ్ + అ = గ ఇట్లే మిగిలినవి ]

వీనికే వ్యంజనములు, ప్రాణులు అనియు పేర్లు.

**3. ఉభయాక్షరములు : ఇవి ముడు.**

- o నున్న ; దీనినే అనుస్వారము' లేక పూర్ణబంధువు అందురు.
- o అరనున్న ; దీనినే అర్ధానుస్వారము' లేక భండబంధువు అందురు.
- : వినర్ల ; అనగా విడవబడునది అని అర్థము.

ఈ ఉభయాక్షరములు అచ్చుల సహాచమునగాని, హల్లుల సహాచమునగాని పలుకబడును.

**వర్ణములు - విభాగములు.**

**అచ్చులు :** ఇవి ప్రాస్వములనియు, దీర్ఘములనియు రెండు విధములు.

తక్కువ కాలములో ఉచ్చరింపబడునవి ప్రాస్వములు.

ఉదా - అ- ఇ- ఉ- ఋ-ౠ - ఎ- ఒ (7)

కొంత ఎక్కువ కాలములో ఉచ్చరింపబడునవి దీర్ఘములు.

ఉదా - ఆ- ఈ- ఊ- ఋ-ౠ- ఐ- ఐ- ఓ- ఔ (9)

ఇందు ఎ ఏ ఒ ఓ' అను నాలుగక్షరములును వక్రములనబడును.

వక్రములనగా వంకరగా నుండునవి.

ఐ- ఔ' అను రెండును వక్రతమములనబడును.

వక్రతమములనగా మిక్కిలి వంకరగా నుండునవి.

**హల్లులు :** ఇవి పరుషములు, సరళములు, స్థిరములని మూడు విధములు.

**పరుషములు :** కఠినముగా పలుకబడు హల్లులు.

క - చ - ఛ - ట - త - ప (6)

**సరళములు :** తేలికగా పలుకబడు హల్లులు.

గ - జ - ఙ - డ - ద - బ (6)

**స్థిరములు :** పరుష సరళములుగాక తక్కిన హల్లులు

ఖ - ఘ - ఙ - ఛ - ఝ - ఞ - త - ఠ

ణ - థ - ధ - న - ఫ - భ - మ

య - ర - ల - ల - శ - వ - శ - ష - స - హ (25)

ఇందులో నాసిక సాయమున ఉచ్చరింపబడువానిని

అనునాసికములందురు. ఙ్జ - ఞ్ - ణ - న - మ (5)



స్వర్ణములు : 'క' నుండి 'మ' వరకు గల పర్ణములు (27)

క - ఖ - గ - ఘ - ఙ

చ - చ - ఛ - జ - ఝ - ఞ

ట - ఠ - డ - ఢ - ణ

త - థ - ద - ధ - న

ప - ఫ - బ - భ - మ

వర్ణములు : స్వర్ణములు 5 వర్ణములుగా విభజింపబడినవి.

1. క - వర్ణము క - ఖ - గ - ఘ - ఙ

2. చ - వర్ణము చ - చ - ఛ - జ - ఝ - ఞ

3. ట - వర్ణము ట - ఠ - డ - ఢ - ణ

4. ప - వర్ణము ప - ఫ - బ - భ - మ

అంతస్థములు : అంతస్థమనగా మధ్యనుండునవి. స్వర్ణములకును

ఉచ్చములకును మధ్యనుండును కనుక వీనికి పేరు

వచ్చినది. ఉదా : య - ర - అ - ల - శ - వ (6)

ఉచ్చములు : ఉంది పలుకబడునవి.

ఉదా : శ - ష - స - హ (4)

వర్ణయుక్తులు : వర్ణములలోని ఒత్తు అక్షరములు. అనగా నొక్కపలుకబడునవి.

ఉదా : ఖ - ఘ - ఛ - ఝ - ఠ - ఢ - ధ - ధ - ఫ - భ (10)

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class : \_\_\_\_\_

\* 2018-2019 \*

S. No	Roll No.	Name of the Student	Signature
1	18-001	E. Venkata Ramana .	E. Venkata Ramana
2	005	P. Rajeswari	P. Rajeswari
3	006	A. Mouni Pragna .	A. Mouni Kapragna
4	007	B. Sowmya Sri	B. Sowmya Sri
5	008	P. Kalyani	P. Kalyani
6	009	K. Bharath Kumar .	K. Bharath Kumar
7	010	G. Veera babu .	G. Veera babu
8	012	G. Durga Rao .	G. Durga Rao
9	014	Md. Tahaseena	Md. Tahaseena
10	016	M. Puvitha	M. Puvitha
11	018	T. Naga Pavan	T. Naga Pavan
12	020	K. Lokesh	K. Lokesh
13	023	V. Rama Krishna .	V. Rama Krishna
14	024	T. Akhila .	T. Akhila
15	025	K. Navya .	K. Navya

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section:

Year : 2018-2019.

Department of: Telugu

Paper:

Lecturer: M.L.S.Kumari

L. No	Roll No	Student Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
1	001	E.V. Ramana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
2	005	P. Rajeswari	P	P	P	P	P	P			P	P	P	P	P	P	P	14
3	006	A.M. Priya		P	P	P	P	P			P	P	P	P		P	P	12
4	007	B. Sanyal	P	P	P	P	P		P	P	P	P	P		P	P	P	13
5	008	P. Chalyani	P	P		P	P	P		P	P	P	P	P	P	P	P	13
6	009	C. B. Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
7	010	G. Veera babu	P		P	P			P	P	P	P	P	P		P	P	12
8	012	G. Dwaga Rao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
9	014	Md. Thaseema	P	P	P		P	P	P	P		P	P	P	P	P	P	13
10	016	M. P. S. S. S. S.	P	P	P	P	P		P	P	P	P	P	P	P	P	P	14
11	018	T. Naga Pavani	P	P	P	P	P	P	P		P	P		P	P	P	P	13
12	020	C. Lokesh	P	P	P	P	P	P			P	P		P	P	P	P	12
13	023	V. R. Krishna		P	P	P		P	P	P	P		P	P	P			11
14	024	T. Achile	P	P	P	P	P	P	P		P	P	P		P	P		12
15	025	C. Navya	P	P	P	P	P	P	P	P	P	P		P	P	P	P	14

M.L.S. Kumari  
Signature of the HOD

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class : I B. (com)

2018 - 2019

S. No	Roll No.	Name of the Student	Signature
1	18. 101	A. Manasa .	A. Manasa
2	103	A. Subha Sri	A. Subha Sri.
3	105	D. Karthik.	D. Karthik
4	106	D. Kameswari	D. Kameswari
5	107	M. Spandana	Spandana.
6	109	T. Babu Rao	Babu Rao.
7	108	S. Myna Devi	Myna Devi
8	111	V. Pavan	Pavan
9	112	V. Lakshmi	V. Lakshmi.
10	115	N. Sandeep	Sandeep
11	118	K. Ramu	K. Ramu
12	120	M. Madhu	M. Madhu
13	124	G. Sai Ram	G. Sai Ram
14	126	J. Phanindra	Phanindra.
15	128	K. Pradeep.	K. Pradeep.

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section:  
Paper:

Year : 20~~18~~ 2019  
Lecturer: M.L.S.Kumari

Department of: Telugu

No	Roll No	Student Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
1	18-101	A. Manasa	P	P	P	P	P	P	P	P	P	P		P	P	P	P	14
2	103	A. Subhasri	P	P	P	P		P	P	P	P	P	P	P	P	P	P	14
3	105	D. Parthi	P	P	P	P	P	P	P		P	P	P	P	P	P	P	14
4	106	D. Jameswari	P	P	P	P	P	P		P	P	P	P		P	P	P	13
5	107	M. Spandana	P	P	P	P	P	P	P	P	P	P	P	P	P		P	14
6	109	T. Babu Rao		P	P	P	P	P		P	P	P	P	P	P	P	P	13
7	108	S. Myna Devi	P	P	P		P	P	P	P	P		P	P	P	P	P	13
8	111	V. Pavan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
9	112	V. Lakshmi	P	P	P	P	P	P	P	P	P	P		P	P	P	P	14
10	115	N. Sandeep	P	P	P			P	P	P	P	P	P	P	P	P	P	13
11	118	C. Rame	P	P	P	P	P	P	P	P	P	P	P		P	P	P	14
12	120	M. Madhu	P	P	P	P	P	P	P	P	P	P	P		P	P	P	14
13	124	G. Sai Ram	P	P		P	P	P	P	P	P	P	P	P	P	P	P	14
14	126	J. Phaneendra		P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
15	128	C. Pradeep	P		P	P	P	P	P	P	P	P	P	P	P	P	P	14

M. L. S. Kumari  
Signature of the HOD

Test at the end of bridge programme during

22/28

Class: B. 2c

Name: A. Subash

Max.Marks: 20

Date:

Time: 40 min.

2018-2019

Fill in the blanks with suitable answers.

1. అచ్చులు ఎన్ని, అవి రాయండి?

5m

18 - అ అ ఇ ఈ ఉ ఊ ఋ ౠ  
ఎ ఏ ఐ ఒ ఓ ఔ ఌ డ

2. హల్లులు ఎన్ని, అవి రాయండి?

5m

34 - క ఖ గ ఘ జ చ ఛ జఝ ఞ  
ట డ ఢ ణ త థ ద ధ న  
ప ఫ బ భ మ య ర ల వ శ ష స హ ల్

3. ఏవైనా ఐదు గుణింతాలు రాయండి?

5m

✓ - ా ి య ె ే ై ౉  
ఱ ఱి ఱీ రు రూ రృ రౄ రే రై రొ రో రౌ రృ  
ల లా లి లౌ లు లూ లృ లౄ లై లౌ లొ లౌ లృ

4. డిక్షనరీ.

20 x 1/2 = 10m

1 క్రాంతి చక్రము

2 దుర్భాసనము

3 సింహాసనము

4 చిత్ర గుప్తము

5 అభిషేకము

6 ధర్మశాస్త్రము

7 నిశ్చలార్థము

8 సమాఖ్యము

9 సమాప్తిము

10 ఉల్లంఘనము

11 చైత్ర రథము

12 నిరేఖితము

13 నిరక్షరము

14 బ్రహ్మకర్మము

15 శిఖరము

16 ద్వివిధము

17 దోషము

18 దుస్సహము

19 అన్యము

20 నిరీక్షణము

న నా ని నీ ను నూ నృ న్నా నె నే నై నా నూ నౌ నం న్న  
త తా తి తో తు తూ తృ త్నా తే తై తో తా తౌ తం త్న  
ప పా పి పో పు పూ పృ ప్నా పే పై పా పూ పౌ పం ప్న

DEPARTMENT OF TELUGU

Test at the end of bridge programme during

24/25

Class: B. Com Name: A. Manasa

Max.Marks: 20

Date:

Time: 40 min.

2018-2019

Fill in the blanks with suitable answers.

1. అచ్చులు ఎన్ని, అవి రాయండి?

5m

16 - ఆ ఆ ఇ ఐ ఓ ఊ యూ  
ఎ ఏ ఐ ఒ ఓ ఊ అం అః

2. హల్లులు ఎన్ని, అవి రాయండి?

5m

34 - క ఇ గ ఘ ఙ చ ఛ జ ఝ ఞ  
ట ఠ డ ఢ ణ త థ ద ధ న  
ప ఫ బ భ మ య ర ల వ శ ష స హ ళ ళి

3. ఏవైనా ఐదు గుణింతులు రాయండి?

5m

✓ న త్రి ప రా ల లా న నై గా నా నాం ళ్  
క కా కి కౌ కు కూ కృ క్షా కే క్షై కౌ కౌ కౌ కంకః  
ల లా లి లౌ లు ల్లు ల్లౌ ల్లౌ ల్లై లా లా లౌ లం లః  
4. డిక్షనరీస్.

20 x 1/2 = 10m

- 1 తాతపర్వము ✓
- 2 దోర్ణు గ్రీవం ✓
- 3 డోర్ణు నాభము ✓
- 4 ధర్మ సంహిత ✓
- 5 ఇంద్ర దనశ్చు ✓
- 6 ద్వాదశాంశులు ✓
- 7 ధనుష్షంతము ✓
- 8 అసంఖ్యాకము ✓
- 9 కౌశ్యభము ✓
- 10 విష్ణుచిత్రము ✓

- 11 అహిచ్ఛిన్యము ✓
- 12 లిజ్యో భరము ✓
- 13 జితేంద్రియము ✓
- 14 అంత రుద్ధితం ✓
- 15 మహోషధము ✓
- 16 పుత్ర కామేశ్వర్లు ✓
- 17 అనోచిత్రము ✓
- 18 త్రిస్తానము ✓
- 19 తిథి ష్టానము ✓
- 20 ప్రాత్రము ✓

ప పా పి పే పు పూ పృ ప్పూ పేపే పై పా పాపా పు ప్ప  
ట టా టి టౌ టు టూ ట్ట ట్టూ టే టై టా టాటా టం టః  
ఢ ఢా ఢి ఢౌ ఢు ఢూ ఢ్ట ఢ్టూ ఢే ఢై ఢా ఢాఢా ఢం ఢః

A

DEPARTMENT OF TELUGU

Test at the end of bridge programme during

23  
25

Class: MPu

Name: E.V. Ramana

Max.Marks: 20

Date:

Time: 40 min.

2018-2019.

Fill in the blanks with suitable answers.

1. అచ్చులు ఎన్ని, అవి రాయండి?

5m

16 - ఆ అ ఇ ఈ ఓ ఊ ఋ ఌ  
ఎ ఏ ఐ ఒ ఓ ఊ అం అం

2. పొల్లులు ఎన్ని, అవి రాయండి?

5m

34 - క ఖ గ ఘ ఙ చ ఛ జ ఝ ఞ  
ట ఠ డ ఢ ణ త ఠ ద ఢ న  
ప ఫ బ భ మ య ర ల వ శ ష స ఘ ఙ

3. ఏవైనా ఐదు గుణింతాలు రాయండి?

5m

క ఖ గ ఘ ఙ చ ఛ జ ఝ ఞ  
ట ఠ డ ఢ ణ త ఠ ద ఢ న  
ప ఫ బ భ మ య ర ల వ శ ష స ఘ ఙ

4. డిక్టేషన్.

20 x 1/2 = 10m

1 నిర్దుష్టము

2 బిల్వకోరుము

3 వాచస్పతిము

4 పుత్రకామేష్ఠి

5 ఆవిష్కరము

6 ధర్మసంహిత

7 ధౌర్భాగ్యము

8 నిర్దుష్టము

9 క్షేమాసకము

10 అంతర్హితము

11 సాక్షాత్కారము

12 కృతజ్ఞుల

13 సత్కర్మము

14 కార్యకర్మము

15 దృష్టి దోషము

16 పారిశుధ్యము

17 సమాధిము

18 సహాయము

19 సత్కర్మము

20. ధర్మసంహిత

న నా ని నా ను నూ నృ న్నూ నే నే న్ని నా నా నా నా నా నా నా  
ల లా లి లి లు లూ లృ ల్నూ లే లే ల్ని లా లా లా లా లా లా  
ర రా రి రి రు రూ రృ ర్నూ రే రే ర్ని రా రా రా రా రా రా

*(Handwritten signature)*



# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

(Managed by: Siddhartha Academy of General & Technical Education, Vijayawada-10)

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade

**2018-2019**



## **Internal Quality Assurance Cell (IQAC)**

### **Bridge Course**

Department	:	ZOOLOGY
Academic year	:	2018-2019
Semester	:	I BZC ( T.M&E.M)

20/8-19

**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course**

**Student Enrolment Sheet**

Class : I BZC (T.M&E.M)

S. No	Roll No.	Name of the Student	Signature
1	18-301	K.M.SRINIVAS	K M Srinivas
2	18-302	D.SRIHARI BABU	D. Srihari Babu
3	18-303	A.GAYATHRI	A Gayathri
4	18-304	N.SWATHI	N. Swathi
5	18-305	K.SUBHASHINI	K Subhashini
6	18-501	SD.RESHMA	Sd Reshma
7	18-502	M.HINDU PRIYA	M H Hindu Priya
8	18-503	B.S.SIRISHA DEVI	B. S Sirisha Devi
9	18-505	M.SHAINY	M. Shainy
10	18-506	K.GANA HEMANI	K Gana Hemani
11	18-507	S.N.MALLESWARA RAO	S. N. Malleswara Rao
12	18-510	D.PANANI	D. panani
13	18-511	J.DEEPTHI	J. Deepika
14	18-512	B.KRUPA	B. Krupa
15	18-513	S.A.SUSEELA DEVI	S. A Suseela Devi
16	18-514	J.BHUVANESWARI	J. Bhuvaneshwari

2019-19

17	18-515	T.VENNELA	T. Vennela.
18	18-516	M.N.ANJANA DEVI	M.N. Anjana Devi
19	18-517	N.J.CHANDRA MANASA	N.J. Chandra Manasa
20	18-519	SD.K KARIMULLA	sd. k. karimulla.

B. A. leirany

# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

## **Bridge Course**

### **Syllabus**

- **Basic principles of zoology**
- **General Characters and classification of major Invertebrate Phyla and Vertebrate Phyla**
- **Ultra-structure of animal cell**
- **Blood group Inheritance**

A.G & S.G.Siddhartha Degree College, Vuyyuru.

Department of Zoology

Bridge Course – Attendance & Marks (2018-2019)

Class :I BZC(T&E)			19/6/18	21/6/18	22/6/18	23/6/18	26/6/18	28/6/18	29/6/18	Marks:15
Subject : Zoology										
Lecturer: D.A.Kiranmayee & M.L.P										
S.No	Roll no.	Name of the student	1	2	3	4	5	6	7	
1	18-301	K.M.Srinivas	A	A	A	A	A	A	A	12
2	18-302	D.Srihari Babu	A	A	P	A	A	A	P	13
3	18-303	A.Gayathri	P	P	P	P	P	A	P	12
4	18-304	N.Swathi	P	P	P	P	P	P	P	12
5	18-305	K.Subhashini	P	P	P	P	P	P	P	14
6	18-501	SD.Reshma	P	P	P	P	P	P	P	12
7	18-502	M.Hindu priya	P	P	P	P	P	P	P	14
8	18-503	B.S.Sirisha Devi	P	P	P	P	P	P	P	13
9	18-505	M.Shainy	P	P	P	P	P	P	A	13
10	18-506	K.Gana Hemani	P	P	P	P	P	P	P	11
11	18-507	S.N.Malleswara rao	P	P	P	P	P	P	A	13
12	18-510	D.Pavani	P	P	P	P	P	P	P	13
13	18-511	J.Deepthi	P	P	P	P	P	P	P	11
14	18-512	B.Krupa	P	P	P	P	P	P	P	11
15	18-513	S.A.Suseela Devi	P	P	P	P	P	P	P	13
16	18-514	J.Bhavananwarani	P	P	P	P	P	P	P	ABSENT
17	18-515	T.Vennela	P	P	P	P	P	P	P	13
18	18-516	M.N.Anjana Devi	P	P	P	P	P	P	P	13
19	18-517	N.J.Chandra Manasa	P	P	P	P	P	P	P	12
20	18-519	SD.K.Karimulla	P	P	P	P	P	P	P	13

A A A A A A A

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2018-19)

Class: I B.Sc.

Name: A. Gayathri

Max.Marks: 15

Date: 30/6/18

Time: 1/2 hrs.

12  
15

Fill in the blanks with suitable answers.

1. Mitochondria is the power houses of the cell. ✓
2. gills are respiratory organs in fishes. ✓
3. Sea-slipper animal is the common name of paramecium. ✓
4. Father of Genetics Mendel. ✓
5. Mollusca is the largest phylum in the animal kingdom. ✗
6. heparin anti-coagulant produced by leech. ✗
7. RBCs cell of human body are attacked by plasmodium. ✓
8. Scientific name of the cobra Naja Naja. ✓
9. Metamerism is a characteristic of Annelida phylum. ✓
10. O+ve blood type is universal donar. ✓
11. AB blood type is universal recipient. ✓
12. The main difference a prochordata and vertebrate. spinal cord. ✓
13. The malaria parasite is introduced into the blood of man as a mosquito - salivary. ✓
14. Fat soluble vitamin are vitamin - B. ✓
15. Name of the vitamin B12 B<sub>12</sub> - B<sub>12</sub>. ✗

A.G & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS AND SCIENCE- VUYYURU

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2018-19)

Class: I B.Sc.

Name: K.M. Srinivas

Max.Marks: 15

Date: 30/06/18

Time: 1/2 hrs.

190  
15

Fill in the blanks with suitable answers.

1. Mitochondria is the power houses of the cell. ✓
2. Gills are respiratory organs in fishes. ✓
3. Sea-slipper animal is the common name of paramecium. ✓
4. Father of Genetics Mendel. ✓
5. Arthropoda is the largest phylum in the animal kingdom. ✓
6. Heparin anti-coagulant produced by leech. ✓
7. lung cell of human body are attacked by plasmodium. ✗
8. Scientific name of the cobra Naja-naja. ✓
9. Metamerism is a characteristic of Annelida phylum. ✓
10. O+ve blood type is universal donar. ✓
11. AB+ blood type is universal recipient. ✓
12. The main difference a prochordata and vertebrate. Respiratory system. ✗
13. The malaria parasite is introduced into the blood of man as a mosquito saliva. ✓
14. Fat soluble vitamin are B. ✓
15. Name of the vitamin B12 Cobalamin. ✗

A.G & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS AND SCIENCE- VUYYURU

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2018-19)

Class: I B.Sc.

Name: D. Sriharsi Babu

Max.Marks: 15

Date: 30/6/18

Time: 1/2 hrs.

13  
15

Fill in the blanks with suitable answers.

1. Mitochondria is the power houses of the cell. ✓
2. Gills are respiratory organs in fishes. ✓
3. Sea-slippers animal is the common name of paramecium. ✓
4. Father of Genetics Mendel ✓
5. Arthropoda is the largest phylum in the animal kingdom. ✓
6. Heparin anti-coagulant produced by leech. ✓
7. Liver cell of human body are attacked by plasmodium. ✓
8. Scientific name of the cobra Naja - Naja ✓
9. Metamerism is a characteristic of Echinodermata phylum. ✗
10. O + ve blood type is universal donar. ✓
11. AB blood type is universal recipient. ✓
12. The main difference a prochordata and vertebrate. Spinal cord ✓
13. The malaria parasite is introduced into the blood of man as a Mosquito saliva ✓
14. Fat soluble vitamin are D ✗
15. Name of the vitamin B12 cobalamin ✓



A.G & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS AND SCIENCE- VUYYURU

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2018-19)

Class: LB.Sc.

Name: D. Patani

Max.Marks: 15

Date: 30/06/18

Time: 1/2 hrs.

12  
15

Fill in the blanks with suitable answers.

- Mitochondria is the power houses of the cell.
- Gills are respiratory organs in fishes.
- Sea slug/Planarian is the common name of paramoecium.
- Father of Genetics-----Mendel-----
- Amphibia is the largest phylum in the animal kingdom.
- Heparin-----anti-coagulant produced by leech.
- Liver-----cell of human body are attacked by plasmodium.
- Scientific name of the cobra-----Naja naja-----
- Metamerism is a characteristic of-----metacoelomata----- phylum.
- O+ve-----blood type is universal donor.
- O-ve-----blood type is universal recipient. X
- The main difference a prochordata and vertebrate. signal cord.
- The malaria parasite is introduced into the blood of man as a-----mossquito salivary-----
- Fat soluble vitamin are-----B-----
- Name of the vitamin B12-----cyanocobalt----- X

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2018-19)

Class: I B.Sc.

Name: S. M. Malleswara Rao

Max.Marks: 15

Date: 30/06/18

Time: 1/2 hrs.

13  
15

Fill in the blanks with suitable answers.

1. Mitochondria is the power houses of the cell. ✓
2. Gills are respiratory organs in fishes. ✓
3. Sea-Slipper animal is the common name of paramecium. ✓
4. Father of Genetics Mendel. ✓
5. Annelida is the largest phylum in the animal kingdom. ✓
6. Heparin anti-coagulant produced by leech. ✓
7. Liver cell of human body are attacked by plasmodium. ✓
8. Scientific name of the cobra Naja - Naja. ✓
9. Metamerism is a characteristic of Annelida phylum. ✓
10. O+ve blood type is universal donar. ✓
11. AB blood type is universal recipient. ✓
12. The main difference a prochordata and vertebrate. spinal cord. ✓
13. The malaria parasite is introduced into the blood of man as a spinal cord. ✗
14. Fat soluble vitamin are B. ✓
15. Name of the vitamin B12 cobalamin. ✗

# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

(Managed by: Siddhartha Academy of General & Technical Education,  
Vijayawada-10)

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade



**2019-20**

## **DEPARTMENT OF HINDI**

### **Bridge Course**

Name of the Lecturer	:	Sk.Anwar
Class	:	All Firsts Year
Duration of the Course	:	7 days

A.G & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE  
(ATONOMOUS )  
VUYYURU-521165 KRISHNA

## HINDI BRIDGE COURSE SYLLUBUS

- 1.वर्णमाला
- 2.बारहखडी
- 3.संयुक्तअक्षर
- 5.द्वित्वअक्षर
- 6.उक्तलेखन













A.G & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE  
VUYYURU-521165, KRISHNA



BRIDGE COURSE HINDI QUESTION PAPER

- R. Ramya 19-760
1. हिन्दी वर्णमाला लिखिए  $1 \times 4 = 4M$   
अ आ इ ई उ ऊ ऋ ॠ ऌ ॡ ऋ ऌ अं अः  
क ख ग घ ङ  
च छ ज झ ञ  
ट ठ ड ढ ण  
त थ व ध न  
प फ ब भ म य र ल व श ष स ह  
क्ष ण ण

2. क वर्ग का बारह खड़ी लिखिए।  $1 \times 2 = 2M$

का की कि कु कू कृ के कै को काँ केँ कं कः

3. किन्हीं दो संयुक्त अक्षर लिखिए।  $1 \times 2 = 2M$

1. छय 2. षय

4. उक्त लेखन  $1 \times 2 = 2M$

1. सहाय्य  
2. सच्ची वीरता

BRIDGE COURSE HINDI QUESTION PAPER

10  
10

Ab. Fouziya 19-001

1. हिन्दी वर्णमाला लिखिए

1X4=4M

अ आ इ ई उ ऊ ऋ ए ऐ ओ औ अं अः  
क ख ग घ ङ  
च छ ज झ ञ  
ट ठ ड ढ ण  
त थ द ध न  
प फ ब भ म  
य र ल व श ष स ह ष्ट्र ख ।

2. क वर्ग का बारह खड़ी लिखिए । 1X2=2M

का की कि कु ~~कू~~ के कैं को कॉ कं कः

3. किन्हीं दो संयुक्त अक्षर लिखिए। 1X2=2M

१. प्य २. व्य

4. उक्त लेखन 1X2=2M

१) साहित्य  
२) सच्ची वीरता