

# 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 : 2019 - 20

Semester : I SEM

# **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" 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 - One week Contact Hours Beneficiaries - B.Sc. I.

**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) & AQUA

S. No	Roll No.	Name of the Student	Signature
1	19-501	D.MANI DEEPIKA	D.Mani Deepika
2	502	M.DEEPIKA	M. DEEPIKA
3	503	B.NAGA DEVI	B. Naga devi
4	504	VTVN .MAHESH	V.T.V.N. Mahesh Babu
5	505	A.BINDHU MADHAVI	A. Bindu Madhavi
6	507	B.KIRAN DEEPTHI	B. Kiran Deepthi
7	508	DAIVA SUNDARA NIDHI	Daiva Sundara nidhi
8	509	V.VARSHITHA	V. Varshitha
9	510	G.UMA	G. Uma
10	511	D.NAGA MOUNIKA	D. Naga mounika
11	513	Y.L.CHERISHMA	y.l. cherishma
12	514	P.YUVA KISHORE	P. Yuva Kishore
13	515	D.PRANEETHA	D. praneetha
14	301	J.VENKATESH	J. Venkatesh
15	302	J.PAVANI	J. Pavani
16	303	K.SRI VIDHYA	K. Sri Vidhya
17	304	A.BHUVANA	A. Bhuvana
18	305	G.KAVITHA	G. Kavitha

19	306	A.REVATHI	A. Revathi
20	307	B.LOKESWARI	B. Lokeswari
21	308	K.NAGA KAVITHA SRI	K. Naga Kavitha Sri
22	310	K.KAVYA	K. Kavya
23	311	N.MEGHANA KEERTHI	N. Meghana Keerthi
24	312	G.NAGA ASWANI	G. Naga Aswani
25	313	K.BHANU PRASAD	K. Bhanu Prasad
26	314	T.DURGA RAO	T. Durga Rao
27	316	T.J.N.V.BHAVANI	T. J. N. V. Bhavani
28	317	K.MOUNIKA	K. Mounika
29	319	J.SANDHYA	J. Sandhya
30	901	K.L.THIRUPATHAMMA	K. L. Thirupathamma
31	902	N.AKHILA SRI	N. Akhila Sri
32	903	B.GANESH MALLIKHARJUNA RAO	B. Ganesh Mallikharjuna Rao
33	904	Y.MOHANA THULASI	Y. Mohana Thulasi
34	905	K.SAI CHANDAN	K. Sai Chandan
45	906	G.NEERAJA	G. Neeraja
36	907	M.SIVA SARATH	M. Siva Sarath
37	908	P.GOPI NADH	P. Gopinadh
38	909	A.NAGA CHANDRIKA	A. Naga Chandrika
39	911	I.RAMYA	I. Ramya
40	913	P.ANKA BABU	P. Anka Babu
41	914	M.PRASANNA	M. Prasanna

42	915	MOULIKA	Moulika
43	916	MD.SHABANA BEGUM	MD Shabana Begum
44	918	V.MOUNIKA	V. Mounika.
45	919	SK.ALTHAF BASHA	SK. Althaf Basha

C. B. Danjini

DEPARTMENT OF BOTANY

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course - Attendance Register**

Class / Section: IBZC (B.M.T.M) Year: 2019 -20 Department of: BOTANY Paper: BRIDGE COURSE

Lecturer: N.RAMANA 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	19-501	D.MANI DEEPIKA		A	P	P	P	P	P	P	P	P	P	P	P	A	P	P						
2	502	M.DEEPIKA		P	P	P	P	P	P	P	P	P	P	P	A	P	P	A						
3	503	B.NAGA DEVI		P	P	P	P	P	P	P	P	P	A	P	P	P	P							
4	504	VTVN .MAHESH		P	P	P	P	P	P	P	P	A	P	P	P	P	A							
5	505	A.BINDHU MADHAVI		P	P	P	P	P	P	P	A	P	P	P	P	P	P							
6	507	B.KIRAN DEEPTHI		P	P	P	P	P	P	A	P	P	P	P	P	P	A							
7	508	DAIVA SUNDARA NIDHI		P	P	P	P	P	A	P	P	P	P	P	P	P								
8	509	V.VARSHITHA		P	P	P	P	P	A	P	P	P	P	P	P	P	P							
9	510	G.UMA		P	P	P	P	A	P	P	P	P	P	P	P	P	A							
10	511	D.NAGA MOUNIKA		P	P	P	A	P	P	P	P	P	P	P	P	P	P							
11	513	Y.L.CHERISHIMA		P	P	A	P	P	P	P	P	P	P	P	P	P	P							



26	310	J.SANMIVA		P	P	P	P	P	P	P	P	P	P	P	P	P				
27	001	K.L. THIRUPATHANMA		A	P	P	P	P	P	P	P	P	P	P	P	P				
28	002	N.AKHILA SRI		P	A	P	P	P	P	P	P	P	P	P	P	P				
29	003	R.GANESH MALIKHARJUNA RAO		P	P	A	P	P	P	P	P	P	P	P	P	P				
30	004	V.MOWANA THULASI		P	P	P	A	P	P	P	P	P	P	P	P	P				
31	005	K.SAI CHANDAN		P	P	P	P	A	P	P	P	P	P	P	P	P				
32	006	G.NEERAJA		P	P	P	P	A	P	P	P	P	P	P	P	P				
33	007	M.SIVA SARATHI		P	P	P	P	P	A	P	P	P	P	P	P	P				
34	008	P.GOPINADRI		P	P	P	P	P	P	A	P	P	P	P	P	P				
35	009	A.NAGA CHANDRIKA		P	P	P	P	P	P	A	A	P	P	P	P	P				
36	011	L.RAMYA		P	P	P	P	P	P	A	P	A	P	P	P	P				
37	013	P.ANKA BABU		P	P	P	P	P	P	A	P	P	P	P	P	P				
38	014	M.PRANANNA		P	P	P	P	P	A	P	P	P	P	P	P	P				
39	015	M.RULIKA		P	P	P	P	A	P	P	P	P	P	P	P	P				
40	016	M.D.SHEKHANA BEGUM		P	P	P	A	P	P	P	P	P	P	P	P	P				
41	018	V.AROUNIKA		P	P	A	P	P	P	P	P	P	P	P	P	P				
42	019	SK.ALTHAF BASHA		P	A	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, VUYURU-521 168

*P. Balakrishna*  
PRINCIPAL

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



Student Name:- K.L. Tirupotamma Roll No:- 19-901

Class:- BSc Agriculture  
culture

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

A) species

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

A) R.H. Whittaker. 1) (proot) protista, 2) monera, 3) animalia, 4) fungi, 5) algae.

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

A) Bryophytes is amphibians.

4. What is double Fertilization?

5. Difference between the Unisexual and Bisexual Flowers?

A) (~~Hibiscus~~) 1) unisexual flower is present in angiosperms  
Gymnosperms. 2) Bisexual flower is present in Gymno-  
perms.

6. What is meant by Heterosporous?

A) In female gametophyte it occurring the heterosporous.

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?

A) 1) Allium sepa, 2) Allium sativesium

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

A) Mitochondria

10. What is meant by Metabolism ?

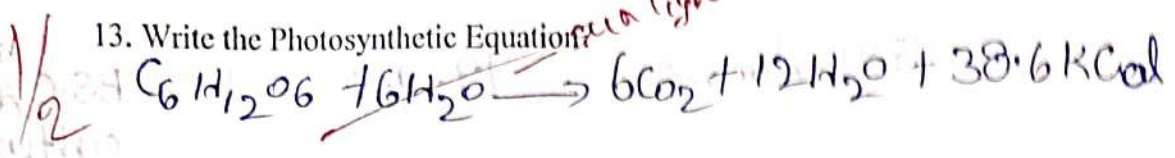
A) some chemical character is occurring anabolism and catabolism.

11. What is Diffusion?

A) Diffusion is called lower concentration to higher concentration is known as diffusion.

12. What are Macronutrients?

13. Write the Photosynthetic Equation <sup>sun light</sup>



14. Define the Word "Glycolysis"?

1 A) splitting of glucose molecule.

15. Write any two Plant Growth Regulators?

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

1 A) Escheria coli

17. Who is the Father of Genetics?

1/2 A) Mendel. John

18. Define the Words DNA and RNA?

1/2 A) (Diox) (Deoxy) <sup>Ribo</sup> nucleic acid, Ribose nucleic acid.  
Deoxy

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

1 A) Watson Crick

20. What is the Function of DNA Ligase Enzyme ?

A) The function of DNA ligase enzyme is to ligase  
Join viral D.N.A.

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

A) Bacillus (thuringus) thuringium

22. What are Protoplasts ?

A) A small

23. What are Lichens?

1 A) Lichen = fungi + algae

24. What are Viroids why differ from Viruses?

A) Lack of cell wall

25. Write about any two names of Antibiotics?

1 A) penicillin, Tebasilane

14  
25  
Class:- 1<sup>st</sup> BSc (Am)

Student Name:- D. Mani Deepika

Roll No:- 19-501

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

1  
2 Species

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

1  
2 R.K Whittaker. ① monera

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

1  
2 Bryophytes

4. What is double Fertilization?

1  
2 Syngamy + triple fusion

5. Difference between the Unisexual and Bisexual Flowers?

1 unisexual flower contain only one gamete  
2 bisexual flower contain both gamete

6. What is meant by Heterospory?

7. Match the following things;

- Anemophily
- Chiropterophily
- Hydrophily
- Ornithophily
- Zoophily
- Entomophily



- 1) Pollination by Bats
- 2) Pollination by Birds
- 3) Pollination by Insects
- 4) Pollination by Agents (Animals)
- 5) Pollination by Water
- 6) Pollination by Wind.

8. Give any Two Examples of Liliaceae Family?

1 papaya, onion

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

1 mitochondria

10. What is meant by Metabolism ?

1 Some chemical reactions occurs in the body

metabolism = Anabolism + catabolism

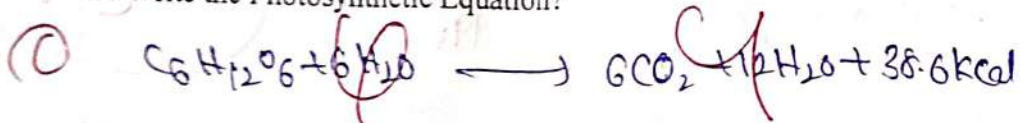
11. What is Diffusion?

1 process of movement of water from lower concentrations to higher concentrations selectively through the membrane.

12. What are Macronutrients?

proteins & minerals,

13. Write the Photosynthetic Equation?



14. Define the Word "Glycolysis"?

Splitting of glucose molecule

15. Write any two Plant Growth Regulators?

Auxins & Gibberellins

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

E. coli

17. Who is the Father of Genetics?

Mendel

18. Define the Words DNA and RNA?

DNA:- Deoxy ribo nucleic acid

RNA:- Ribo nucleic acid

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

Crick & Watson

20. What is the Function of DNA Ligase Enzyme?

Sticking of two sticky ends

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

Bacillus thuringiensis

22. What are Protoplasts?

Protoplasts attached to cell wall

23. What are Lichens?

Lichen = Algae + fungi

24. What are Viroids why differ from Viruses?

lack of cell wall (capsid)   
 Viroids: DNA   
 Viruses: RNA

25. Write about any two names of Antibiotics?

penicillin, streptomycin, erythromycin

23/12

Student Name:- J. Venkatesh

Roll No:- 19-301

Class:- 1<sup>st</sup> BSc (Botany)

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- 1. వర్ణకరణ లో ముఖ్య ప్రమాణం ఏది? నర్మలకరణం?
- A. జాతి, ప్రజాతి, ఉపజాతి
- 2. ఇదు శ్లేష్మ రాజ్యాల వర్ణకరణను ఎవరు ప్రవేశపెట్టారు? వాటి పేర్లు ఏవి?
- B. 1. యెనీరా 2. ప్రోటోస్ట్రా 3. ఫర్గె, 4. వ్యాలెజ్ 5. ఎసిమీలెయా తోటెనె
- R. H. విటాకర్ ప్రవేశపెట్టారు.
- 3. శ్లేష్మ రాజ్యం ఏ భాగాలు ఏర్పడినవి? వీటిని పేరుపెట్టారు?
- B. బ్రూఫైటా
- 4. ద్విఫలదీకరణ అనగా నేమి?
- B. ఒక పుష్పం నుండి రెండు పుష్పాలకు మధ్య ఉన్న అండాశయం ఒకే పుష్పం నుండి ఏర్పడినదిగా ఉండటం జరిగినప్పుడు ద్విఫలదీకరణ అంటారు. దీనిని ద్విఫలదీకరణ అంటారు.
- 5. ఏక వింగ పుష్పాలకు మరొక ద్వివింగ పుష్పాల మధ్య జరిగిన ద్విఫలదీకరణ అంటారు.
- B. 1. స్ట్రోటోకా పుష్పం ఒక లింగానిది కలిగి ఉండటానిది ఏకవింగ పుష్పం అంటారు. 2. స్ట్రోటోకా పుష్పం రెండు లింగాలు కలిగి ఉండటానిది ద్వివింగ పుష్పం అంటారు.
- 6. ఒక పుష్పం నుండి రెండు పుష్పాలకు మధ్య జరిగిన ద్విఫలదీకరణ అనగా నేమి? దీనిని ద్విఫలదీకరణ అంటారు.
- 7. కింది వాటిని జత చేయండి :

1. ఎసిమోఫిటి	(A) గబ్బిలం ద్వారా పరాగసంపాదం	[ D ]
2. కిరీష్టిఫిటి	(B) పక్షుల ద్వారా	[ B ]
3. ఖైద్రోఫిటి	(C) కీటకాల "	[ E ]
4. డిప్టెరోఫిటి	(D) జియోఫైట్ల (మొక్కల) "	[ A ]
5. జూఫిటి	(E) నీటి ద్వారా	[ F ]
6. ఎంబ్సిమోఫిటి	(F) గాలి ద్వారా	[ C ]

- 8. వివిధాసి కుటుంబపు ఏకవింగ పుష్పం ఏ భాగాలు ఏర్పడినవి? (పేరుపెట్టండి)
- B. 1. ఉల్లి పండు 2. లీల్లీ
- 9. కణాశక్తి భండారాలు ఏ ఏక కణాంగం నుండి ఏర్పడతాయి?
- B. మైటోకాండ్రీయా



# 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 : 2019-20  
Semester : I.

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

**Bridge Course Student Enrolment Sheet**

Class : Msc (Chemistry)

2019-20

S. No	Roll No.	Name of the Student	Signature
1	200001	A. poojashri	A. Poojashri
2	002	D. Murali Krishna.	D. Murali Krishna.
3	003	G. Ravi Kishore	G. Ravi Kishore
4	004	G. Ramu	G. Ramu
5	005	G. Nagendra Babu.	G. Nagendra Babu
6	006	G. Sasi Kumar	G. Sasi Kumar
7	07	G. Teja Venugopal	G. Teja Venugopal
8	08	J. Sambasiva Rao	J. Sambasiva Rao
9	09	K. Tejasrilakshmi	K. Tejasrilakshmi
10	010	K. Vijay	K. Vijay
11	011	K. Siva Rama Krishna.	KSR. Krishna
12	012	K. Satevathi	K. Satevathi
13	013	K. Tejaswini	K. Tejaswini
14	014	K. Mounica.	K. Mounica.
15	015	K. Lokeshwar Rao	K. Lokeshwar Rao
16	016	M. Chandra Vardhan	M. Chandra Vardhan
17	017	P. Keerthana.	P. Keerthana.



18	018	P. Venkateswara Rao	P.V. Rao
19	019	S. Trinadli	Trinadli
20	021	T. John Michael	John Michael
21	022	T. Prasad babu	T. Prasad babu
22	024	N. Nithin	Nithin
23			
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31			
32			
33			

Reddy

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



18	018	P. Venkateswara Rao	BC	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	18
19	020	S. Tyinadlu.	BC	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	17
20	021	T. John michael	SC	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	19
21	122	T. Prasad babu.	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
22	124	V. Nitika	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
32																						
33																						

Rektory

V. J.

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

**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.

**Bridge Course: 2019-2020**

**Test Exercise:**

Which of the following solvents is most polar in chromatographic sense?

- a. Water
  - b. Carbon tetra chloride
  - c. Chloroform
  - d. Toluene
2. The commonly used chromatographic methods for qualitative drug analysis are
- a. GLC
  - b. TLC
  - c. HPLC
  - d. All
3. The element present in red blood cells of man is?
- a. Ni
  - b. Ra
  - c. Co
  - d. Fe
4. Magnetic property of transition metal is due to
- a. Spin of electron
  - b. Orbital moment
  - c. Both
  - d. Neither of the two
5. The highest boiling point is expected for
- a. n- octane
  - b. n- butane
  - c. Iso octane
  - d. 2,2,3,3-tetramethyl butane
6. What type of an alkyl group is an isobutyl group?
- a. Tertiary
  - b. Secondary
  - c. Primary
  - d. None
7. How many isomers are possible for 2- methyl propane?
- a. 2
  - b. 4

- c. 6
- d. 8

8. In which case of the following HCL conducts electricity to largest extent.

- a. Gaseous HCl
- b. Liquid HCl
- c. HCl aqueous solution
- d. HCl solution in benzene

9. The process of chemical decomposition of electrolyte solution by the passage of electric current is

- a. Electrolysis
- b. Ionization
- c. Electrolyte dissociation
- d. Hydrogenation

10. Degree of ionization of very strong electrolytes does not depend on

- a. Concentration
- b. Dilution
- c. c. temperature
- d. All of the above

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

**Bridge Course: 2019-2020**

**Key:**

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



**Test Exercise:**

1. Which of the following solvents is most polar in chromatographic sense? ✓

- a. Water
- b. Carbon tetra chloride
- c. Chloroform
- d. Toluene

2. The commonly used chromatographic methods for qualitative drug analysis are ✓

- a. GLC
- b. TLC
- c. HPLC
- d. All

3. The element present in red blood cells of man is? ✗

- a. Ni
- b. Ra
- c. Co
- d. Fe

4. Magnetic property of transition metal is due to ✗

- a. Spin of electron
- b. Orbital moment
- c. Both
- d. Neither of the two

5. The highest boiling point is expected for ✗

- a. n- octane
- b. n- butane
- c. Iso octane
- d. 2,2,3,3-tetramethyl butane

6. What type of an alkyl group is an isobutyl group? ✗

- a. Tertiary
- b. Secondary
- c. Primary
- d. None

7. How many isomers are possible for 2- methyl propane? ✗

- a. 2
- b. 4



- c. 6
- d. 8

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Bridge Course: 2019-2020

09  
10

Test Exercise:

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- a. GLC
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08  
10

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

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Vijayawada-10)

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### **DEPARTMENT OF Chemistry**

### **Bridge Course**

**2019-20**

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></p> <p>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></p> <p>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></p> <p>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















# I Bsc aquaculture (E.A.9)

Roll No.	NAME OF THE STUDENT	1/6	2/6	3/6	4/6	5/6	6/6	7/6	8/6	9/6	10/6	Marks
19-901	Katta Lakshmi Tirupatamma	P	P	P	P	P	P	P	P	P	P	16
902	Nagadesi Akhila sree	P	P	P	P	P	P	P	P	P	P	13
903	Bolem Ganesh Mallikharjunarao	A	P	P	P	P	P	P	P	P	P	18
904	Yenugu Mohana Tejas	P	A	P	P	P	P	P	P	P	P	15
905	Kollipara Sai Chandan	P	P	P	P	P	P	P	P	P	P	18
906	Goriparthi Neeraja	P	P	P	P	P	P	P	P	P	P	17
907	Manepalli Siva Sarath	P	P	P	P	P	P	P	P	P	P	12
908	Pindi Gopi Nadh	P	P	P	P	P	P	P	P	P	P	12
909	Annavarapu Naga Chandrika	P	P	P	P	P	P	P	P	P	P	16
910	Polagani Tejaswi	P	A	P	P	P	P	A	P	P	P	13
911	Indupalli Ramya Roshini Lalitha	P	P	P	P	P	P	P	P	P	P	11
912	Kodali Sweety	P	A	P	P	A	P	P	P	P	P	11
913	Pamarthi V.V.R.D.S.N.D. Anka Babu	P	P	P	P	P	P	P	P	P	P	15
914	Mallimaggla Naga Prasanna	P	P	P	P	P	P	P	P	P	P	13
915	Modugumudi Moulika	P	A	P	P	P	P	P	P	P	P	14
916	Mohammad Shabana Begum	P	P	P	P	P	P	P	P	P	P	13
917	Goriparthi Uday Bhaskar	P	A	P	A	P	P	P	P	P	P	12
918	veerla Mounika	A	A	A	P	P	P	P	P	P	P	13
919	sk. Althaf	A	A	A	A	A	P	P	P	P	P	06







Total attendance - 183  
Total presenties - 148  
Total absentia - 35  
percentage - 81%

Signature of lecturer

1. M. Santhya
2. P. Suresh

A. P. Prudhvi  
Signature of H.O.D

S. K. S. S. S.  
Signature of Principal

NAME : *B. Jyoti Mallikarjuna* CLASS : *I B.Sc. Agri* ROLL NO : *19-903*

**BRIDGE COURSE QUESTION PAPER-2019-20**

18  
30

1. Which element is present in the 13-group elements

- a) H                      b) O                      c)  B                      d) C

2. Which element is present in the 14-group elements

- a) Ti                      b)  Si                      c) O                      d) H

3. Borazole resembles in structure is

- a) Ethane                      b) Benzene                      c) Ethylene                      d)  Graphite

4. The hybridization of B in B<sub>2</sub>H<sub>6</sub> is

- a) Sp                      b) Sp<sup>2</sup>                      c)  Sp<sup>3</sup>                      d) SP<sup>3</sup>d

5. The bond B-H-B present in diborane is known as ----- bond as per molecular orbital concept.

- a)  Banana bond                      b) Dative bond                      c) Covalent bond                      d) Coordinate bond

6. Boron nitride is called inorganic -----

- a) Diamond                      b) Graphite                      c) Benzene                      d)  Crystal

7. Silanes are compounds of silicon and -----

- a) H                      b) N                      c)  O                      d) C

8. Silicones are prepared by

- a)  Silicon halides                      b) Alkylated silicon halide                      c) alkylated Silane                      d) HCl

9. Which of the following is likely to give cross linked silicon is

- a) R<sub>2</sub>SiCl<sub>2</sub>                      b) RSiCl<sub>3</sub>                      c) R<sub>3</sub>SiCl                      d)  SiCl<sub>4</sub>

10. Lubricant used in aeroplanes is

- a) Silicon Vaseline                      b) Silicone oils                      c) Silicon rubber                      d)  Silicon paints

11. Silicones are compounds of silicon and ----- linkage

- a)  Hydrogen                      b) Oxygen                      c) carbon                      d) Nitrogen

12. Boron usually forms covalent compounds using Sp<sup>2</sup> hybrid orbitals but the compound in which boron exhibits Sp<sup>3</sup> hybridization is

- a) BF<sub>3</sub>                      b) BN                      c) B<sub>3</sub>N<sub>3</sub>H<sub>6</sub>                      d)  B<sub>2</sub>H<sub>6</sub>

13. Tetra borane formula is

- a)  B<sub>4</sub>H<sub>10</sub>                      b) B<sub>2</sub>H<sub>6</sub>                      c) B<sub>5</sub>H<sub>9</sub>                      d) B<sub>6</sub>H<sub>11</sub>

14. Which element exhibits most stable +2 oxidation state

- a)  Pb      b) Sn      c) Ge      d) C

15. Anhydrous borax is

- a)   $\text{Na}_2\text{B}_4\text{O}_7$       b)  $\text{Na}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$       c)  $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$       d)  $\text{Na}_2\text{B}_4\text{O}_7 \cdot 8\text{H}_2\text{O}$

16.  $\text{AlCl}_3$  on hydrolysis to give

- a)  $\text{AlCl}_3 \cdot \text{H}_2\text{O}$       b)  $\text{Al}(\text{OH})_3$       c)  $\text{Al}_2\text{O}_3$       d)  $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$

17. Dative bonds are not present in

- a)  $\text{Al}_2\text{Cl}_6$       b)  $\text{BF}_3$       c)  $\text{B}_3\text{N}_3\text{H}_6$       d)  $\text{B}_2\text{H}_6$

18.  $\text{BCl}_3$  on hydrolysis to gives

- a)  $\text{B}_2\text{O}_3$  and  $\text{HCl}$       b)  $\text{B}_2\text{H}_6$ ,  $\text{HCl}$  &  $\text{O}_2$       c)  $\text{H}_3\text{BO}_3$  &  $\text{HCl}$       d)  $\text{B}_2\text{O}_3$ ,  $\text{H}_2$  &  $\text{Cl}_2$

19. Total number of electrons shared between two B-H-B atoms in  $\text{B}_2\text{H}_6$

- a)  2      b) 3      c) 4      d) 6

20. Which element occurs in free state

- a)  C      b) Si      c) Ge      d) Sn

21. Which element does not show a valency of 2

- a) Si      b)  Ge      c) Sn      d) Pb

22. Silicon hybrids are called -----

- a)  Silicones      b) Silicates      c) Silianes      d) Silicides

23. Hybridization of carbon in diamond is

- a) Sp      b)  $\text{Sp}^2$       c)   $\text{Sp}^3$       d)  $\text{Sp}^3\text{d}$

24. The type of hybridization in graphite is

- a) Sp      b)   $\text{Sp}^2$       c)  $\text{Sp}^3$       d)  $\text{Sp}^3\text{d}$

25. Graphite has ----- structure

- a) Tetrahedral      b)  Hexagonal      c) Linear      d) Three dimensional

26. Silicones are used as -----

- a) Conductors      b)  Insulators      c) Semiconductors      d) graphite

27. Silicones are -----

- a) Toxic      b)  Non-toxic      c) Bitter      d) Sour

28. Silicones have the general formula is -----

- a)  $\text{SiO}_4^{-2}$       b)  $\text{Si}_2\text{O}_7^{-6}$       c)   $(\text{R}_2\text{SiO})_n$       d)  $(\text{SiO}_3)_n^{2n}$

29. The inert form of carbon is

- a) Diamond      b) Graphite      c) Coal      d)  Charcoal

30. Organo silicon polymers containing which type of linkages-----

- a) Si---S---Si      b) Si---O---Si      c)  Si---N---Si      d) Si---C---Si

**A.G. & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), VUYURU**  
**(Accredited at "A" Grade by NAAC, Bangalore) 2017-2018**  
**DEPARTMENT OF CHEMISTRY**

NAME : *Y. Mohana Tulasi*

CLASS : *IBZC (Aqua)* ROLL NO : *19-904*

**BRIDGE COURSE QUESTION PAPER-2019-20**

*15*  

---

*30*

- Which element is present in the 13-group elements  
a) H                      ~~b) O~~                      *c) B*                      d) C
- Which element is present in the 14-group elements  
a) Ti                      ~~b) Si~~                      *c) O*                      D) H
- Borazole resembles in structure is  
a) Ethane                      ~~b) Benzene~~                      *c) Ethylene*                      d) Graphite
- The hybridization of B in  $B_2H_6$  is  
a) Sp                      b)  $Sp^2$                       *c)  $Sp^3$*                       d)  $SP^3d$
- The bond B-H-B present in diborane is known as ----- bond as per molecular orbital concept.  
a) Banana bond                      ~~b) Dative bond~~                      *c) Covalent bond*                      d) Coordinate bond
- Borane nitride is called inorganic -----  
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- Silanes are compounds of silicon and -----  
a) H                      b) N                      ~~c) O~~                      d) C
- Silicones are prepared by  
a) Silicon halides                      b) Alkylated silicon halide                      c) alkylated Silane                      ~~d) HCl~~
- Which of the following is likely to give cross linked silicon is  
a)  $R_2SiCl_2$                       ~~b)  $RSiCl_3$~~                       *c)  $R_3SiCl$*                       d)  $SiCl_4$
- Lubricant used in aeroplanes is  
a) Silicon Vaseline                      ~~b) Silicone oils~~                      *c) Silicon rubber*                      d) Silicon paints
- Silicones are compounds of silicon and ----- linkage  
~~a) Hydrogen~~                      b) Oxygen                      *c) carbon*                      d) Nitrogen
- Boron usually forms covalent compounds using  $Sp^2$  hybrid orbitals but the compound in which boron exhibits  $Sp^3$  hybridization is  
a)  $BF_3$                       b) BN                      *c)  $B_3N_3H_6$*                       ~~d)  $B_2H_6$~~
- Tetra borane formula is  
a)  $B_4H_{10}$                       b)  $B_2H_6$                       ~~c)  $B_5H_9$~~                       d)  $B_6H_{11}$

14. Which element exhibits most stable +2 oxidation state  
 a) Pb ✓ b) Sn c) Ge d) C
15. Anhydrous borax is  
 a)  $\text{Na}_2\text{B}_4\text{O}_7$  b)  $\text{Na}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$  ✓ c)  $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$  d)  $\text{Na}_2\text{B}_4\text{O}_7 \cdot 8\text{H}_2\text{O}$
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 a)  $\text{AlCl}_3 \cdot \text{H}_2\text{O}$  ✓ b)  $\text{Al}(\text{OH})_3$  c)  $\text{Al}_2\text{O}_3$  d)  $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$
17. Dative bonds are not present in  
 a)  $\text{Al}_2\text{Cl}_6$  b)  $\text{BF}_3$  c)  $\text{B}_3\text{N}_3\text{H}_6$  ✓ d)  $\text{B}_2\text{H}_6$
18.  $\text{BCl}_3$  on hydrolysis to gives  
 a)  $\text{B}_2\text{O}_3$  and  $\text{HCl}$  ✓ b)  $\text{B}_2\text{H}_6$ ,  $\text{HCl}$  &  $\text{O}_2$  c)  $\text{H}_3\text{BO}_3$  &  $\text{HCl}$  d)  $\text{B}_2\text{O}_3$ ,  $\text{H}_2$  &  $\text{Cl}_2$
19. Total number of electrons shared between two B-H-B atoms in  $\text{B}_2\text{H}_6$   
 a) 2 ✓ b) 3 c) 4 d) 6
20. Which element occurs in free state  
 a) C b) Si c) Ge d) Sn ✓
21. Which element does not show a valency of 2  
 a) Si ✓ b) Ge c) Sn d) Pb
22. Silicon hybrids are called -----  
 a) Silicones b) Silicates ✓ c) Silianes d) Silicides
23. Hybridization of carbon in diamond is  
 a) Sp b)  $\text{Sp}^2$  ✓ c)  $\text{Sp}^3$  d)  $\text{SP}^3\text{d}$
24. The type of hybridization in graphite is  
 a) Sp b)  $\text{Sp}^2$  ✓ c)  $\text{Sp}^3$  d)  $\text{SP}^3\text{d}$
25. Graphite has ----- structure  
 a) Tetrahedral b) Hexagonal ✓ c) Linear d) Three dimensional
26. Silicones are used as -----  
 a) Conductors b) Insulators ✓ c) Semiconductors d) graphite
27. Silicones are -----  
 a) Toxic b) Non-toxic ✓ c) Bitter d) Sour
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 a)  $\text{SiO}_4^{-2}$  b)  $\text{Si}_2\text{O}_7^{-6}$  c)  $(\text{R}_2\text{SiO})_n$  ✓ d)  $(\text{SiO}_3)_n^{2n}$
29. The inert form of carbon is  
 a) Diamond b) Graphite ✓ c) Coal d) Charcoal
30. Organo silicon polymers containing which type of linkages-----  
 a)  $\text{Si}---\text{S}---\text{Si}$  b)  $\text{Si}---\text{O}---\text{Si}$  ✓ c)  $\text{Si}---\text{N}---\text{Si}$  d)  $\text{Si}---\text{C}---\text{Si}$

# **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 : Commerce

Academic year : 2019-2020

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.	19.101	Ganjala Naga Sri Lakshmi	G. Naga Sri Lakshmi
2.	19.102	Chalapati Sony	Ch. Sony
3.	19.103	Jonnalagadda Naga Sandhya	J. Naga Sandhya
4.	19.104	Pittu Ramya	P. Ramya
5.	19.105	Peruboyina Sai Taraka	P. Sai Taraka
6.	19.106	Pedasanganti Devi	P. Devi
7.	19.107	Kodali Adinarayana	K. Adinarayana
8.	19.108	Kodali Ananta Rajya Lakshmi	K. Ananta Rajya Lakshmi
9.	19.109	Mullapudi Nandini	M. Nandini
10.	19.110	Valluru Anuhya	V. Anuhya
11.	19.111	Banki Bhavani	B. Bhavani
12.	19.112	Parasa Raju	P. Raju
13.	19.113	Gudise Baleswari	G. Baleswari
14.	19.114	Devarapalli Prema Raju	D. Prema Raju
15.	19.115	Aseleti Durga Babu	A. Durga Babu
16.	19.116	Parasa Vasuki	P. Vasuki



17.	19.117	Gurvindapalli Sasi	G. Sasi
18.	19.118	Thota Rahul	T. Rahul
19.	19.119	Nimmaluri Veera Bhavani	N.veeda Bhavani
20.	19.120	Meesala Bhargavi	M. Bhargavi
21.	19.121	Pandi Naga Pavani	P. naga pavan,
22.	19.122	Sanchapu Padmaja	S. Padmaia
23.	19.123	Pallepogu Bhargav	P. Bhargav
24.	19.124	Visinigiri Vara Lakshmi	V. vara lakshmi
25.	19.125	Chandaluri Pardhu Srinu	Ch. pardhu srinu
26.	19.126	Veerla Siva Sai	V. Siva Sai
27.	19.127	Kattika Lakshmi Naga Valli	K.L. N. Valli
28.	19.128	Yelisela Siri	Y. Siri
29.	19.129	Kumpati Supraja	K. Supra Ja
30.	19.130	Aluri mahendra Babu	A. mahendra Babu
31.	19.131	Burri Durga Kodanda Sai	B. Durga kodanda sai
32.	19.132	Nalluri Nagabhavani	N. nagabhavani
33.	19.133	Tumati Sireesha	T. Sireesha
34.	19.134	Pedapudi Sukumar	P. Sukumar
35.	19.136	Molagajji Udaykiran	M. udaykiran
36.	19.137	Bandrapalli Ashok	B. Ashok
37.	19.138	Arigi Manoj Babu	A. Manoj Kumar
38.	19.139	Ila Anand Kumar	I. Anand Kumar

# **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 : 2019 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.	19.101	Ganjala Naga Sri Lakshmi	BC-D	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	17
2.	19.102	Chalapathi Sony	SC	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	16
3.	19.103	Jonnalagadda Naga Sandhya	BC-D	P	P	P	A	P	P	A	P	A	P	P	P	P	P	A	A	P	P	P	P	14
4.	19.104	Pitta Ramya	BC-D	A	A	P	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	P	P	16
5.	19.105	Peruboyina Sai Tarika	BC-D	P	P	P	A	A	P	P	P	P	A	P	P	P	P	A	A	P	P	P	P	15
6.	19.106	Peddasangini Devi	BC-A	A	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	15
7.	19.107	Kodali Adinarayana	SC	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	16
8.	19.108	Kodali Ananta Rajya Lakshmi	SC	A	P	P	P	P	P	A	P	P	P	P	P	P	A	A	A	P	P	A	A	14
9.	19.109	Mallapudi Nandini	SC	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	17
10.	19.110	Vilhara Ananya	SC	A	A	A	P	P	P	P	P	P	A	P	P	P	P	A	A	P	P	A	A	13
11.	19.111	Banaki Bhavani	BC-D	P	A	P	P	P	A	A	P	P	P	P	A	P	P	P	A	A	P	P	A	13







55	19,156	Kocherla Hima Bindu	BC-D	A	A	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	12
56	19,157	Pothuboyina Nageendra Babu	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
57	19,158	Kolanidu Mounika	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18
58	19,159	Vericharla Soul Raju	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20

*K. Venkata Vasudha*  
Lecturer

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

*B. Sathish*  
Principal  
PRINCIPAL  
AG & SG Siddhartha Degree College of  
Arts & Science (Autonomous), Vuyuru

# 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 : 2019-2020

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.	19.801	Nerusu Tejasree	N. Tejasree
2.	19.802	Arepu Ravi Teja	A. Ravi Teja
3.	19.803	Madda Sravani	M. Sravani
4.	19.804	Tadimalla Hitendra	T. Hitendra
5.	19.805	Kolusu Naga Sri	K. Nagasri
6.	19.806	Dasari Tharun	D. Tharun
7.	19.807	Shaik Abdul Raheem	st. Abdul Raheem
8.	19.808	Mulpuri Silvi Syam Kumar	M. S. Syam Kumar
9.	19.809	Thumati Sai Gopi	T. S. Gopi
10.	19.810	Vanukuru Chandrika	V. Chandrika
11.	19.811	Challa Neelima	ch. Neelima
12.	19.812	Shaik Meera Babu	st. Meera Babu
13.	19.813	Nelluri Yamini Tulasi	N. Yamini Tulasi
14.	19.814	Pranki Ram Praveen Varma	P. R. P. Varma
15.	19.815	Valluru Yamini	V. Yamini
16.	19.816	Chatla Ruthvik	ch. Ruthvik

17.	19.817	Margani Parameswari	M. Paramesari
18.	19.818	Davuluri Durga Sri	D. Durgasri
19.	19.819	Dokku Vijaya Lakshmi	D. vijaya lakshmi
20.	19.820	Padala Narendra	P. Nasendra
21.	19.821	Sonti Sony	S. Sony
22.	19.822	Abdul Hafeez	Ab. Haffez
23.	19.823	Konda Ramu	K. Ramu
24.	19.824	Kalathoti Syam Babu	K. Syam babu
25.	19.825	Arepalli Vinay Kumar	A. vinay kumar
26.	19.826	Padamata Sirisha	P. sisisha
27.	19.827	Adapa Nagarjuna	A. Nagarjuna
28.	19.828	Jalasutram Revathi	J. Revathi
29.	19.829	Jogi Supraja	J. supraja
30.	19.830	Mareedu Revathi	M. Revathi
31.	19.831	Kondaveeti Srikanth	K. srikanth
32.	19.832	Kukkala Omkaram	K. omkaram
33.	19.833	Peddiboyina Veera Babu	P. veera babu
34.	19.834	Udamala Mahesh	U. Mahesh
35.	19.835	Dasi Mahima	D. Mahima
36.	19.836	Duppalapudi Suresh	D. Suresh
37.	19.837	Segalla Sudheer	S. sudheer
38.	19.838	Mandipamula Sandhya	M. sandhya

39.	19.839	Jampana Devika	J. Devika
40.	19.840	Ravella Hemanth	R. Hemanth
41.	19.841	Neyyigapula Raju	N. Raju
42.	19.842	Kasumalli Konda babu	k. konda babu
43.	19.843	Ganta Santhi Priya	G. santhi Priya
44.	19.844	Mohammad Sumiya Begum	Ma Sumiya Begum
45.	19.845	Saka Prema Latha	S. potama latha
46.	19.846	Atkuri V.V.Seetha Ratnam	A.V.V. seetha Ratnam
47.	19.847	Gaddam Tulasi	G. Tulasi
48.	19.848	Arpi Bhavani	A. Bhavani
49.	19.849	Bolem Mounika	B. Mounika
50. c	19.850	Kovvada Kalyani	k. kalyani
51.	19.851	Tasneema	Tasneema
52.	19.852	Nariseti Rama Devi	N. Rama Devi
53.	19.853	Mekala lakshman Kumar	M. lakshman kumar.
54.	19.854	Gangireddy Sravya	G. sravya
55.	19.855	Gurvindapalli Anuradha	G. Anuradha
56.	19.856	Mohammad Abdul Sattar	M.d Abdul Sattar.
57.	19.857	Chagantipati Syamal	Ch. syamal
58.	19.858	Abdul Parveena Begum	Ab. parveena Begum
59.	19.859	Pagolu Vasantha	P. Vasantha
60.	19.860	Mohammed Malin	MD. Malin

61.	19.861	Mohammad Abbas	MD. Abbas
62.	19.862	Nakka Lokesh	Nakka Lokesh
63.	19.863	Yallamalli John Vesli	Y. John Vesli
64.	19.864	Chantala Kartheek	C. Kartheek
65.	19.865	Bolem Venkata Chandrica	B.V. Chandrika

**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
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4	journal – ledger	3
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**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 : 2019 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.	19.801	Nerusu Tejasree	BC-D	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	17
2.	19.802	Arepu Ravi Teja	BC-D	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	16
3.	19.803	Madda Sravani	SC	P	P	P	A	P	P	A	P	A	P	P	P	P	P	A	A	P	P	P	A	14
4.	19.804	Tadimalla Hitendra	OC	A	A	P	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P	P	P	16
5.	19.805	Kolusu Naga Sri	BC-D	P	P	P	A	A	P	P	P	P	P	A	P	P	P	A	A	P	P	P	P	15
6.	19.806	Dasari Tharun	SC	A	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	A	15
7.	19.807	Shaik Abdul Raheem	BC-E	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	16
8.	19.808	Mulpuri Silvi Syam Kumar	BC-C	A	P	P	P	P	P	A	P	P	P	P	P	P	A	A	P	P	P	P	A	14
9.	19.809	Thumati Sai Gopi	SC	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	17
10.	19.810	Vanukuru Chandrika	BC-A	A	A	A	P	P	P	P	P	P	P	A	P	P	P	A	A	P	P	A	A	13
11.	19.811	Challa Neelima	BC-D	P	A	P	P	P	A	A	P	P	P	P	A	P	P	A	A	P	A	P	A	13
12.	19.812	Shaik Meera Babu	BC-B	A	P	P	P	P	P	A	P	P	P	P	A	P	P	A	A	P	P	P	A	14









56.	19,856	Mohammad Abdul Sattar	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	
57.	19,857	Chaganthipati Syamal	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	18
58.	19,858	Abdul Parveena 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
59.	19,859	Pagolu Vasantha	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
60.	19,860	Mohammed Malin	BC-E	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	11
61.	19,861	Mohammad Abbas	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
62.	19,862	Nakka Lokesh	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	18
63.	19,863	Yallamalli John Vesli	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
64.	19,864	Chantala Kartheek	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
65.	19,865	Bolem Venkata Chandrica	BC-B	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	11

*K. Venkata Vasanthi*  
 Lecturer

*K. Venkata Vasanthi*  
 Head of the Department

Department of Commerce  
 A.G. & S.G.S. Degree College  
 VUYURU - 521 105

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

# 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

Accredited by NAAC with "A" Grade



## DEPARTMENT OF COMPUTER SCIENCE

### Bridge Course

Department	:	<u>Computer Science</u>
Academic year	:	<u>2019-20</u>
Semester	:	<u>I</u>

# 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

## Bridge Course

### Student Enrolment Sheet

Class : I B.Sc (MPCs)

S.No:	Roll.No	Student Name	Student Signature
1	19.601	TumatiSuneel Kumar	T. Suneel Kumar
2	19.603	PuvvadaLikhitha Naga Sai VaraSiddhika	PLNV.Siddhika
3	19.604	GollaDeepthi	G. Deepthi
4	19.605	RajulapatiKeerthi	Keerthi R
5	19.606	KondetiPrathima	Rajulapati Keerthi
6	19.607	KunderuSupriya	k. supriya
7	19.608	Osuri Anil Kumar	O. Anil Kumar
8	19.609	Vuyyuru Swathi	V. Swathi
9	19.610	OsuriRahelsri	O. Rahelsri
10	19.611	Kilarapu Lakshmi	L. Lakshmi
11	19.612	OlupalliSaichand	O. Sai Chand
12	19.613	VeerankiPavani	V. pavani
13	19.614	Mandapalli Rajesh	M. Rajesh
14	19.615	YandamuriVijaya Lakshmi	Vijaya Lakshmi
15	19.616	PamulaGopichand	panula gopi Chand
16	19.617	KalisetiVenkataDurga	V. Durga
17	19.618	Mohammad Ayesha	m. Ayesha
18	19.619	Syed Hlimunnisa	H limunnisa
19	19.620	Paramsetti Sirisha	p. sirisha
20	19.621	Bezawada Sai Krishna	Krishna
21	19.622	KommineniVamsiNagendra	K. Vamsi Nagendra
22	19.623	NalluriSundra Rao	N. Sundara Rao
23	19.624	MadalaBhargavsai	Bhargav Sai
24	19.625	Pidugu Jaya Lakshmi	P. Jaya Lakshmi
25	19.626	Elisetti Lakshmi Sarvani	Sarvani
26	19.627	KandulaUsha Sri	K. Usha Sri
27	19.628	GummadiPhani Kumar	Phani Kumar
28	19.629	Mohammad Rafathunnisa	Md. Rafathunnisa
29	19.630	PeramHaritha Rani	Peram Haritha Rani
30	19.631	BodduKeerthi	B. Keerthi

31	19.632	DokkuSireesha	D. Sireesha
32	19.633	SimhadriPrasannaBhavani	G. Prasanna Bhavani
33	19.634	Vadlani Jhansi	V. Jhansi
34	19.635	GonaSuneetha	Suneetha
35	19.636	MindiJyothi	Jyothi
36	19.637	SathivadaEswar Kumar	S. Eswar Kumar
37	19.638	Bade Lavanya	B. Lavanya
38	19.639	KeerthiAswitha	K. Aswitha
39	19.640	AnnavaarapuPavan Kumar	A. Pavan Kumar
40	19.641	DannanaDhana Lakshmi	Dhana Lakshmi
41	19.642	Abdul Rasheed	A. Rasheed
42	19.643	ShaikSameera Begum	S. Sameera Begum
43	19.644	ShaikSahera Begum	Sahera Begum
44	19.645	ChoppakatlaTanishka	CH. Tanishka
45	19.646	PrakerlaGeetha Sri	Geetha Sri
46	19.647	Matha Krishna Sai	M. Krishna Sai
47	19.648	BandrapalliPrathyusha	B. Prathyusha
48	19.649	PallapothuAruna	Aruna
49	19.650	KarimijjiSrikanth	K. Sri Kanth
50	19.651	MusuguAruna	Musugu Aruna
51	19.652	Chittimotu Naga Sai Krishna	Ch. N. Sai Krishna
52	19.653	AkulaEswara Rao	A. Eswara Rao
53	19.654	JampanaMounika	J. Mounika
54	19.655	GurivindaguntaVarun Kumar	Varun Kumar
55	19.656	ShaikMakbulBasha	S. Makbul Basha
56	19.657	Pamu Soma Venkata Sai Duth	venkata Sai Duth
57	19.658	ValluruChandu	V. Chandu
58	19.660	EdupugantiSumanth	E. Sumanth

Class : I B.Sc (MCCs)

S. No	Roll. No	Student Name	Student Signature
1	19.701	Abdul Kareem	Abdul Kareem
2	19.702	BotchaDurga Praveen	B. Durga Praveen
3	19.703	Abdul Rehana	A. Rehana
4	19.704	GundalaSurendrababu	G. Surendra
5	19.705	KoyyiVeera Praveen	K. Veera Praveen
6	19.706	Meddisetty Naga Jagadeesh	Naga Jagadeesh
7	19.707	PamarthiDeepika	Deepika
8	19.708	VempatiAkhila	V. Akhila
9	19.709	KumpatiBalasouri	K. Balasouri
10	19.710	Sala Srinivas	S. Srinivas
11	19.711	V.V.V.S.S.Nagababu	Nagababu
12	19.712	OlipilliNeeraja	O. Neeraja
13	19.713	Parasa Mahesh Babu	P. Mahesh Babu
14	19.714	PallapothuNithish	P. Nithish
15	19.715	Mohammad Noorbasha	Noorbasha
16	19.716	ChillimunthaMohanasai	Ch. Mohana Sai
17	19.717	GuttikondaSujitha	G. Sujitha
18	19.718	KondaRohith Reddy	Rohith Reddy
19	19.719	Pandalaneni Raja Sri	P. Raja Sri
20	19.720	PandalaneniRavitha	P. Ravitha
21	19.721	BolemSivannarayana	Sivannarayana
22	19.722	AmudalapalliJahanvi	Jahanvi
23	19.723	KruttiventiSushamaSwaraj	Sushama
24	19.724	MalledaPavan Kumar	Pavan Kumar
25	19.725	Abdul Jaleel	A. Jaleel
26	19.726	ChirraLakshman Kumar	Lakshman Kumar
27	19.727	Abdul Iliyas	A. Iliyas
28	19.728	SuvarnagantiYamini	Yamini
29	19.729	VeerankiRamyasri	V. Ramyasri
30	19.730	ShaikJulfaharVali	Vali
31	19.732	LukkaRamya	L. Ramya
32	19.733	EnapakurtiSowmya	Sowmya
33	19.734	Dokku Vijay Kumar	D. Vijay Kumar
34	19.735	MedisettySambasiva Rao	Sambasiva Rao
35	19.736	Kareem Khan	K. Khan
36	19737	Marri Praveen	Praveen

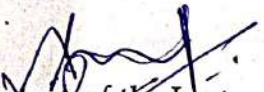
37	19.738	ThodetiNikhitha	T. Nikhitha
38	19.739	VeerlaTeja Vinay	v. Teja Vinay
39	19.740	ChinamutteviYyga Venkateswara Rao	Ch. Venkateswara Rao
40	19.741	Thokala Jaya Varshitha	T. Jaya Varshitha
41	19.742	Vuyyuru Tanuja	V. Tanuja
42	19.743	Gurvindapalli Ravi Teja	G. Ravi Teja
43	19.744	Bolem Mohan	B. Mohan
44	19.745	Mohammad Fathimunnisa	M. Fathimunnisa
45	19.746	KemburiPavanKalyan	K. Pavan Kalyan
46	19.747	Shaik Imran	S. Imran
47	19.748	VeerankiGirish	V. Girish
48	19.749	SakhamuriBhargavi	S. Bhargavi
49	19.750	KothagundlaSupriya	S. Supriya
50	19.751	BayneeduVamsinath	B. Vamsinath
51	19.752	Salimidi Asha VenkataPrasanna	S. Asha
52	19.753	PuttanaveediSyama	P. Syama
53	19.754	Chapala Srinivas	C. Srinivas
54	19.755	KandruCharitha Sri	K. Charitha Sri
55	19.756	VeeranjiPavan Kumar	V. Pavan Kumar
56	19.757	VeerankiSravanya	V. Sravanya
57	19.758	KalapalaShalini	K. Shalini
58	19.759	AmreenJahan	Amreen Jahan
59	19.760	RompellaRangaRamya	R. Ranga Ramya

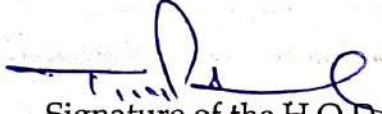
Class: I B.Com (CA)


S. No	Roll. No	Student Name	Student Signature
1	19.801	NerusuTejasree	N. Teja sree
2	19.802	Arepu Ravi Teja	A. Ravi Teja
3	19.803	MaddaSravani	M. Sravani
4	19.804	TadimallaHitendra	T. Hitendra
5	19.805	Kolusu Naga Sri	K. Naga Sri
6	19.806	DasariTharun	D. Tharun
7	19.807	Shaik Abdul Raheem	Sh. Abdul Raheem
8	19.808	MulpuriSilviSyam Kumar	M. Syam
9	19.809	Thumati Sai Gopi	T. Sai Gopi
10	19.810	VanukuruChandrika	V. Chandrika
11	19.811	ChallaNeelima	Ch. Neelima
12	19.812	ShaikMeeraBabu	S. Meera Babu
13	19.813	NelluriYaminiTulasi	N. Tulasi
14	19.814	Pranki Ram Praveen Varma	P. Praveen
15	19.815	ValluruYamini	V. Yamini
16	19.816	ChatlaRuthvik	Ch. Ruthvik
17	19.817	MarganiParameswari	M. Parameswari
18	19.818	DavuluriDurga Sri	D. Durga Sri
19	19.819	DokkuVijaya Lakshmi	D. Vijaya Lakshmi
20	19.820	PadalaNarendra	P. Narendra
21	19.821	Sonti Sony	S. Sony
22	19.822	Abdul-Hafeez	Abdul-Hafeez
23	19.823	KondaRamu	K. Ramo.
24	19.824	KalathotiSyamBabu	K. Syam Babu
25	19.825	Arepalli Vinay Kumar	A. Vinay Kumar
26	19.826	Padamata Sirisha	P. Sirisha
27	19.827	AdapaNagarjuna	A. Nagarjuna
28	19.828	JalasutramRevathi	J. Revathi
29	19.829	JogiSupraja	J. Supraja
30	19.830	MareeduRevathi	M. Revathi
31	19.831	KondaveetiSrikanth	K. Srikanth
32	19.832	KukkalaOmkaram	K. Omkaram
33	19.833	PeddiboyinaVeeraBabu	P. Veera Babu
34	19.834	Udamala Mahesh	U. Mahesh
35	19.835	DasiMahima	D. Mahima
36	19.836	Duppalapudi Suresh	D. Suresh
37	19.837	SegallaSudheer	S. Sudheer
38	19.838	MandipamulaSandhya	M. Sandhya
39	19.839	JampanaDevika	J. Devika



40	19.840	RavellaHemanth	R. Hemanth
41	19.841	Neyyigapula Raju	N. Raju
42	19.842	KasumalliKondababu	Kondababu
43	19.843	GantaSanthiPriya	G. Santhi Priya
44	19.844	Mohammad Sumiya Begum	Ms. Sumiya Begum
45	19.845	SakaPremaLatha	S. Prema Latha
46	19.846	AtkuriV.V.SeethaRatnam	Seetha Ratnam
47	19.847	GaddamTulasi	G. Tulasi
48	19.848	ArpiBhavani	A. Bhavani
49	19.849	BolemMounika	B. Mounika
50	19.850	KovvadaKalyani	K. Kalayani
51	19.851	Tasneema	Tasneema
52	19.852	Nariseti Rama Devi	N. Ramadevi
53	19.853	Mekalalakshman Kumar	Lakshman Kumar
54	19.854	GangireddySravya	G. Sravya
55	19.855	GurvindapalliAnuradha	Anuradha
56	19.856	Mohammad Abdul Sattar	Abdul Sattar
57	19.857	ChagantipatiSyamal	Abdul Syamal
58	19.858	Abdul Parveena Begum	Parveena Begum
59	19.859	PagoluVasantha	P. Vasantha
60	19.860	Mohammed Malin	Malin
61	19.861	Mohammad Abbas	M. Abbas
62	19.862	NakkaLokesh	N. Lokesh
63	19.863	Yallamalli John Vesli	John Vesli
64	19.864	ChantalaKartheek	Kartheek
65	19.865	BolemVenkataChandrica	Chandrica
66	19.866	KadavakolluNagavamsi	K. K. Nagavamsi
67	19.867	RajulapatiGopiMadhav	Gopi Madhav
68	19.868	B.Taraka	B. Taraka
69	19.870	BolemPrasanthi	B. Prasanthi
70	19.871	VeerankiGopinadh	V. Gopinadh

  
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**

(An Autonomous College in the Jurisdiction of Krishna University)

Vuyyuru-521165, Krishna District, Andhra Pradesh

## **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



31	19.632	DokkuSireesha	P	P	P	P	P	P	P	P	P	P	10
32	19.633	SimhadriPrasannaBhavani	a	P	P	P	P	P	a	P	P	P	8
33	19.634	Vadlani Jhansi	P	P	a	P	P	P	P	a	P	P	8
34	19.635	GonaSuneetha	P	P	P	P	P	P	P	a	P	P	9
35	19.636	MindiJyothi	P	P	P	P	P	P	P	P	P	P	10
36	19.637	SathivadaEswar Kumar	P	P	P	P	P	P	P	P	P	P	10
37	19.638	Bade Lavanya	P	a	a	P	P	P	a	P	a	P	6
38	19.639	KeerthiAswitha	P	P	P	P	P	P	P	P	P	P	10
39	19.640	AnnavarapuPavan Kumar	P	P	P	P	P	P	P	P	P	P	10
40	19.641	DannanaDhana Lakshmi	P	P	P	P	P	P	P	P	P	P	10
41	19.642	Abdul Rasheed	P	a	P	P	P	P	P	P	P	P	10
42	19.643	ShaikSameera Begum	P	P	P	P	P	P	P	P	P	P	10
43	19.644	ShaikSahera Begum	P	P	P	P	P	P	P	P	P	P	10
44	19.645	ChoppakatlaTanishka	P	P	P	P	P	P	P	P	P	P	10
45	19.646	PrakerlaGeetha Sri	P	P	P	P	P	P	P	P	P	P	10
46	19.647	Matha Krishna Sai	P	P	a	P	P	P	P	P	P	P	9
47	19.648	BandrapalliPrathyusha	P	P	P	P	P	a	P	P	P	a	8
48	19.649	PallapothuAruna	P	P	P	P	a	P	P	P	P	P	9
49	19.650	KarimijjiSrikanth	P	P	P	a	a	P	P	P	P	a	7
50	19.651	MusuguAruna	P	P	P	P	P	P	P	P	P	P	10
51	19.652	Chittimotu Naga Sai Krishna	P	P	a	P	P	P	P	P	a	P	8
52	19.653	AkulaEswara Rao	P	P	P	P	P	P	P	P	P	P	10
53	19.654	JampanaMounika	P	P	P	P	P	P	P	P	P	P	10
54	19.655	GurivindaguntaVarun Kumar	a	a	P	a	a	P	P	P	P	a	5
55	19.656	ShaikMakbulBasha	P	P	P	P	a	P	P	P	P	P	9
56	19.657	Pamu Soma Venkata Sai Duth	P	P	P	a	P	a	P	P	P	a	7
57	19.658	ValluruChandu	P	P	P	P	P	P	P	P	P	P	10
58	19.660	EdupugantiSumanth	P	P	P	P	P	P	a	P	P	P	9






Class : I B.Com (CA)

S. No	Roll. No	Student Name	1	2	3	4	5	6	7	8	9	10	Tot
1	19.801	NerusuTejasree	P	P	P	a	P	P	P	P	P	P	9
2	19.802	Arepu Ravi Teja	P	P	P	P	P	P	P	P	P	P	10
3	19.803	MaddaSravani	a	P	P	P	P	a	P	P	P	P	8
4	19.804	TadimallaHitendra	P	P	P	P	P	P	P	P	P	P	10
5	19.805	Kolusu Naga Sri	P	P	a	P	P	a	P	P	P	P	8
6	19.806	DasariTharun	a	P	P	P	a	P	P	P	P	P	8
7	19.807	Shaik Abdul Raheem	P	P	P	P	P	P	P	P	P	P	10
8	19.808	MulpuriSilviSyam Kumar	a	P	P	P	a	a	P	P	P	P	7
9	19.809	Thumati Sai Gopi	P	P	P	P	P	P	P	P	P	P	10
10	19.810	VanukuruChandrika	P	P	P	P	P	P	P	P	P	P	10
11	19.811	ChallaNeelima	P	P	P	P	P	P	P	a	P	P	9
12	19.812	ShaikMeeraBabu	P	P	P	P	a	a	P	P	P	a	7
13	19.813	NelluriYaminiTulasi	P	P	P	P	P	P	P	P	P	P	10
14	19.814	Pranki Ram Praveen Varma	P	a	P	P	P	P	P	P	P	a	8
15	19.815	ValluruYamini	P	P	P	P	P	P	P	P	P	P	10
16	19.816	ChatlaRuthvik	a	P	P	P	P	P	P	P	P	a	8
17	19.817	MarganiParameswari	P	P	a	P	P	P	a	P	P	P	8
18	19.818	DavuluriDurga Sri	P	P	P	P	P	P	P	P	P	P	10
19	19.819	DokkuVijaya Lakshmi	P	P	P	P	P	P	a	P	P	a	8
20	19.820	PadalaNarendra	P	P	P	P	P	P	P	P	P	P	10
21	19.821	Sonti Sony	P	P	P	P	P	P	P	P	P	P	10
22	19.822	Abdul Hafeez	P	a	a	P	a	P	P	P	P	a	6
23	19.823	KondaRamu	P	P	P	P	P	P	a	a	P	P	8
24	19.824	KalathotiSyamBabu	P	P	P	P	P	P	P	P	P	P	10
25	19.825	Arepalli Vinay Kumar	P	P	P	P	P	P	P	P	P	P	10
26	19.826	Padamata Sirisha	P	P	P	P	P	a	P	P	P	P	9
27	19.827	AdapaNagarjuna	P	P	P	P	a	P	a	a	P	P	7
28	19.828	JalasutramRevathi	P	P	P	P	P	P	P	P	P	P	10
29	19.829	JogiSupraja	P	P	P	P	P	P	P	P	P	P	10
30	19.830	MareeduRevathi	P	P	P	P	P	P	P	P	P	P	10
31	19.831	KondaveetiSrikanth	a	P	P	a	P	P	P	P	a	P	7
32	19.832	KukkalaOmkaram	P	P	P	a	P	P	a	a	P	P	7
33	19.833	PeddiboyinaVeeraBabu	P	P	P	P	P	P	P	P	P	P	10
34	19.834	Udamala Mahesh	P	P	P	P	P	P	P	P	P	P	10
35	19.835	DasiMahima	P	P	P	P	P	P	P	P	P	P	10
36	19.836	Duppalapudi Suresh	P	P	P	P	P	P	a	P	P	P	9
37	19.837	SegallaSudheer	P	P	P	P	a	a	P	P	P	P	8

38	19.838	MandipamulaSandhya	P	P	P	P	P	P	P	P	P	P	P	10
39	19.839	JampanaDevika	a	P	a	P	P	P	a	P	P	P	P	7
40	19.840	RavellaHemanth	P	P	P	P	P	a	P	P	P	P	P	9
41	19.841	Neyyigapula Raju	a	P	P	P	a	P	P	P	P	P	P	8
42	19.842	KasumalliKondababu	a	a	P	P	P	P	P	P	P	a	P	7
43	19.843	GantaSanthiPriya	P	P	P	P	P	P	P	P	P	P	P	10
44	19.844	Mohammad Sumiya Begum	P	P	P	P	P	P	P	P	P	P	P	10
45	19.845	SakaPremaLatha	P	P	P	P	P	P	P	P	P	P	P	10
46	19.846	AtkuriV.V.SeethaRatnam	P	P	P	P	P	P	P	P	P	P	P	10
47	19.847	GaddamTulasi	P	P	P	P	P	P	P	P	P	P	P	10
48	19.848	ArpiBhavani	P	a	P	P	P	P	P	P	P	a	P	8
49	19.849	BolemMounika	P	P	P	P	a	P	a	P	P	P	P	8
50	19.850	KovvadaKalyani	P	P	P	P	P	P	P	P	P	P	P	10
51	19.851	Tasneema	P	P	P	P	a	P	P	P	P	P	P	9
52	19.852	Nariseti Rama Devi	P	P	P	P	P	P	P	P	P	P	P	10
53	19.853	Mekalalakshman Kumar	P	P	P	P	a	P	P	P	P	P	P	9
54	19.854	GangireddySravya	P	P	P	P	P	P	P	P	P	P	P	10
55	19.855	GurvindapalliAnuradha	P	P	P	P	P	a	P	P	P	P	P	9
56	19.856	Mohammad Abdul Sattar	P	P	P	a	P	a	P	P	P	P	P	8
57	19.857	ChagantipatiSyamal	P	P	P	P	P	P	P	P	P	P	P	10
58	19.858	Abdul Parveena Begum	P	P	P	P	P	P	P	P	P	P	P	10
59	19.859	PagoluVasantha	P	P	a	P	a	P	P	P	P	P	P	8
60	19.860	Mohammed Malin	P	P	P	P	P	P	P	P	P	P	P	10
61	19.861	Mohammad Abbas	a	P	a	P	P	P	P	P	a	P	P	7
62	19.862	NakkaLokesh	P	P	P	P	P	P	P	P	P	P	P	10
63	19.863	Yallamalli John Vesli	a	P	a	P	P	P	P	a	P	P	P	7
64	19.864	ChantalaKarthek	P	P	P	P	P	P	P	P	P	P	P	10
65	19.865	BolemVenkataChandrica	P	P	P	P	a	P	P	P	P	P	P	9
66	19.866	KadavakolluNagavamsi	P	P	P	a	P	a	P	P	P	a	P	7
67	19.867	RajulapatiGopiMadhav	P	P	P	P	P	P	P	P	P	P	P	10
68	19.868	B.Taraka	P	a	P	a	P	P	P	a	P	a	P	6
69	19.870	BolemPrasanthi	P	P	P	P	P	P	P	P	P	P	P	10
70	19.871	VeerankiGopinadh	P	P	P	P	P	P	P	P	P	P	P	10

  
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**

(An Autonomous College in the Jurisdiction of Krishna University)

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

(An Autonomous College in the Jurisdiction of Krishna University)

Vuyyuru-521165, Krishna District, Andhra Pradesh

Bridge Course

19-626

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)

Computer is an electronic device that manipulates information or data and store data to retrieve and process the data.

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

Computers are used in every field of life, business entertainments colleges, hospitals, etc

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

Keyboard, Joy stick, mouse, touchPad, scanner, lightPen etc.

9/10

# 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

Bridge Course

Question Paper

19-708

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)

Computer is an electronic device which takes input data from user, processes the data and generates the output to the user. It also stores data to retrieve for future purpose.

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

Computers are used in every field of life, such as homes, colleges, schools, hospitals, government offices, entertainment etc...

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

Keyboard, Mouse, Joystick, Light Pen, Touch pad, Scanner, Touch screen etc...

10  
10

# 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

Bridge Course

Question Paper

19-804

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)

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

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

Computer are used at homes for several purposes like online bill, payment, watching movies or shows at home, etc.

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

keyboards, mouse, scanners, cameras, joysticks and microphones.

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 : 2019-20

Semester : I

2

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course**

**Student Enrolment Sheet**

Class : I BA

S. No	Roll No.	Name of the Student	Signature
1	1911001	fouziya	fouziya
2	1911002	P. nani	P. Nani
3	1911003	v. preethi	v. Preethi
4	1911004	k. Ravi kumar	k. Ravi Kumar
5	1911005	G. Durga prasad	G. Durga Prasad
6	1911006	k. sukesh	K. Suresh.
7	1911007	M. Bhargavi	M. Bhargavi
8	1911008	M. Vamsivaradhan	M. Vamsivaradhan
9	1911010	T. Ravi	T. Ravi
10	1911011	M. sirisha Rani	M. Sirisha Rani
11	1911012	c. phani kumar	c. phani kumar
12	1911013	M. Bhargav Krishana	M. Bhargav Krishana
13	1911014	R. Venkata sai	R. Venkata Sai
14	1911015	J. Ajay	J. Ajay
15	1911016	S. Ganesh	S. Ganesh

*N. Venkatesh*

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

*P. Sankar*

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

3

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

**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.



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.

## 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 d 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. C 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. C 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 b relation between two variables.
  - a. Direct
  - b. Indirect
  - c. Negative
  - d. Horizontal

T. Ravi

*N. Ramakrishna*  
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 B.A**

Year : **2019-20** Department of: **Economics**

Paper: **Principles of Economics** Lecturer: **Rama Rao .N.**

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	1911001	Fowriya	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
2	1911002	P. Nani	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
3	1911003	V. preethi	SC	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
4	1911004	K. Ravi Kumar	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
5	1911005	G. Durga Prasad	B.C.D	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	19
6	1911006	K. Suresh	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
7	1911007	M. Bhargavi	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
8	1911008	M. Vamsi Vardhan	B.C.D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
9	1911009	T. Ravi	BC-D	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	18
10	1911010	M. Sivisha Rani	B.C.D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
11	1911011	C. phani Kumar	B.C.D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
12	1911012	M. Bhargav Krishna	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
13	1911013	R. Venkata Sai	B.C.D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
14	1911014	T. Ajay	S.C.	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	19
15	1911015	S. Ganesh	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20

*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

# **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 : ENGLISH

Academic year : 2019-20

Semester : I

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

Vuyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course  
Student Enrolment Sheet  
2019-20**

Class : ALL PROGRAMMES

S. No	Roll No.	Name of the Student	Signature
1	19-201	P.Sandeep	P. Sandeep
2	19-202	T.Siva Sai Krishna	T. Siva Sai Krishna
3	19-203	Abdul Gaffar	Abdul Gaffar
4	19-204	S.Bhargav	S. Bhargav
5	19-205	SK.Meeravalli	SK. Meeravalli
6	19-206	D.Vijaya Lakshmi	D. vijaya lakshmi
7	19-207	P.Sravani	P. Sravani
8	19-208	V.Gowri	V. Gowri
9	19-231	K.Mounika	k. Mounika
10	19-232	J.Doshnanka	J. Doshnaka
11	19-233	G.Keerthi Sri	G. keerthi Sri
12	19-234	V.Naveen	V. Naveen
13	19-235	G.Anusha	G. Anusha
14	19-236	G.Bhanu Prakash	G. Bhanu Prakash
15	19-237	B.Hemanth	B. Hemanth
16	19-238	A.Santhi	A. Santhi
17	19-239	P.Likhitha Lakshmi	P. Likhitha Lakshmi
18	19-240	K.Venkatesh	K. Venkatesh
19	19-241	A.Sai Kiran	A. Sai Kiran
20	19-242	O.Siva Krishna	O. Siva Krishna
21	19-243	T.Priyanka	T. Priyanka
22	19-244	E.Hema	E. Hema
23	19-245	V.Pavani	V. Pavani
24	19-246	J.Madhavi	J. Madhavi
25	19-247	D.Anil Kumar	D. Anil Kumar

26	19-248	D.venkatesh	D.Venkatesh.
27	19-249	K.Subhash	k. Subhash
28	19-250	B.Raja Shekar	B. Raja Shekar.
29	19-401	K.Bala Pujitha	K. Bala Pujitha
30	19-402	K.B.S.P.Kalyan	K.B.S.P. kalyan
31	19-403	P.Vivek Vardhan	P. Vivek vardhan
32	19-404	V.Vijaya Lakshmi	V. Vijaya Lakshmi
33	19-405	M.Rose Manasa	M. Rose Manasa
34	19-406	V.Sai Santha	V.sai santha
35	19-407	M.Sandhya Rani	M. sandhya Rani
36	19-408	E.V.G.Naveen Kumar	E.V.G. Naveen kumar.
37	19-409	V.Vasudha	V. Vasudha.
38	19-410	D.Hepsibha	D. Hepsibha.
39	19-411	G.Soumya	G. Soumya
40	19-412	A.Puthalouis	A. Puthalouis
41	19.301	Jampana Venkatesh	J. venkatesh
42	19.302	Jeela pavani	J. pavani
43	19.303	Kakitha Srividya	K. srividya.
44	19.304	Arepalli Bhuvana	A. Bhuvana
45	19.305	Gummadi Kavitha	G. kavitha
46	19.306	Arige Revathi	A. Revathi
47	19.307	Boddupalli Lokeswari	B. lokeswari
48	19.308	Kruttiventri Naga Kavithasri	K. Naga kavithasri
49	19.309	Gunupuru Sravani	G. Sravani
50	19.310	Kodali Kavya	K. kavya

1. R. Raju
2. M. Raju
- 3.

(Lecturer)

G. S. S. S.

(H.O.D)

**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 2019-2020.

**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 :** 2Weeks (24-06-2019 to 09-07-2019)

**Staff Coordinators:**

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

**B.BULLI BABU, In-charge**

**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.

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

Vuyuru-521165, Krishna District, Andhra Pradesh

### Bridge Course - Attendance Register

Class / Section : ALL PROGRAMMES Year: 2019-20 DEPARTMENT OF ENGLISH Paper : I

Lecturer: B.BULLI BABU, M.ROJA, V.V.APARNA REDDY.

Sl. No	Roll No	Student Name	Category	24	24	25	25	26	26	27	27	28	28	29	29	30	1	2	3	4	5	6	6	Total
1	19-201	P.Sandeep	SC	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	18
2	19-202	T.Siva Sai Krishna	OC	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	18
3	19-203	Abdul Gaffar	BC-E	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18
4	19-204	S.Bhargav	SC	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	17
5	19-205	SK. Meeravalli	BC-B	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	18
6	19-206	D. Vijaya Lakshmi	BC-A	P	P	P	P	P	P	A	P	P	P	A	P	A	P	P	P	P	P	P	P	17
7	19-207	P.Sravani	BC-A	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	18
8	19-208	V. Gowri	BC-B	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	18
9	19-231	K. Mounika	ST	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	17
10	19-232	J.Doshnanka	BC-B	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	A	17
11	19-233	G.Keerthi Sri	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	19
12	19-234	V.Naveen	BC-A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	18
13	19-235	G.Anusha	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
14	19-236	G.Bhanu Prakash	BC-B	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
15	19-237	B.Hemanth	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	19







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

Vuyyuru-521165, Krishna District, Andhra Pradesh

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

### **Bridge Course**

Department	:	HISTORY
Academic year	:	2019-2020
Semester	:	I SEMESTER

**Bridge Course**

**Student Enrolment Sheet**

Class : I.B.A

S. No	Roll No.	Name of the Student	Signature
1	1911001	Fouziya	FOUZIYA
2	1911002	Poritigadda . Nani	P. Nani
3	1911003	Velupuri . Preethi	V. Preethi
4	1911004	Kumpati . Ravi kumar	K. Ravi Kumar
5	1911006	Kommu . Suresh	K. Suresh
6	1911007	Maddali . Bhargavi	M. Bhargavi
7	1911010	Tenali . Ravi	T. Ravi
8	1911013	Marberla . Bhargava Krishna	M.B. Krishna
9	1911016	Sisigisi Ganesha	S. Ganesha
10	1911019	Dabbadi . Bala Bhaskar	D. Bala Bhaskar
11	1911022	Matlu . Lavanya	M. Lavanya
12	1911023	Kalapala . Myra	K. Myra
13	1911024	Mohammad . Rafi	MD. Rafi
14	1911027	Devarapalli . Ratna Bai	D. Ratna Bai
15	1911028	Sogala . Brahmaiah	S. Brahmaiah

*D. Raju*

*D. Sankar*  
PRINCIPAL

**Bridge Course**

**Syllabus**

<b>Unit No.</b>	<b>Topic to be covered</b>	<b>Remarks</b>
<b>I</b>	Ancient Indian Civilization (from Circa 3000 BC to 6 <sup>th</sup> BC):	
<b>II</b>	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. Akbar

**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 statements 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



D. Indra

**Ans: A**

**15. Which empire lasted the longest among the following?**

A. The Palas

B. The Pratiharas

C. The Rashtrakutas

D. The Senas

**Ans: C**

**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 Pratihara Empire.

D. Krishna III was the last Rashtrakuta king.

**Ans: A**

**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

Code:

A. All are correct

B. Only I, III

C. Only I, II

D. II, III

**Ans: 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

**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

12  
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. Mudrarakshasa

[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

[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

[A]

D. Capital of Gahadwal Dynasty – Kannauj

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

A. Harshavardhana

B. Dhruvasena II

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

[B]

**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

[B]

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

A. Punjab

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

[B] ✓

**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
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- D. All the above

[A] ✓

**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

[C] ✓

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

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

[A] ✓

D. Krishna III was the last Rashtrakuta king.

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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

[B]

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

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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: I<sup>st</sup> BA

Year : 2019-20 Department of: History

Paper:

Lecturer: Dr. D. Rajya 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	1911001	Fouziya	BC-E	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	17
2	1911002	Poritigadda. Nani	SC	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	18
3	1911003	Telupuri. preethi	SC	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	P	17
4	1911004	kumpati. Ravi kumar	SC	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	17
5	1911006	kommu. Suresh	SC	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	A	P	P	P	17
6	1911007	Maddali. Bhargavi	SC	P	P	A	P	P	P	P	A	P	P	P	P	P	A	P	A	P	A	P	P	16
7	1911010	Tenali. Ravi	BC-D	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	18
8	1911013	Maeharla. Bhargav krishna	SC	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	A	P	17
9	1911016	Sirigiri. Ganesh	SC	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	18
10	1911019	Dabbadi. Bala Bhaskar	BC-D	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	A	P	P	17
11	1911022	Matchu. Lavanya	BC-D	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	A	18
12	1911023	Kalapala. Myna	SC	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	17
13	1911024	Mohammad. Rafi	BC-E	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	17
14	1911027	Reverapalli. Ratna Bai	SC	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	18
15	1911028	Sogala. Brahmaiah	ST	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	18

*D. Rajya*

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

*D. Saleem*  
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)  
An Autonomous College in the Jurisdiction of Krishna University  
Accredited by NAAC with "A" Grade



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

### **Bridge Course**

Department : MATHEMATICS  
Academic year : 2019-20  
Semester : I

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

Bridge Course

Academic Year: 2019-20

### 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 :: 2019-2020

S.No:	Roll.No	Student Name	Signature
1	19.201	Pachaigalla Sandeep	P. Sandeep
2	19.202	Thummala Siva Sai Krishna	T.Siva Sai Krishna
3	19.203	Abdul Gaffar	A. Gaffar
4	19.204	Srikakulapu Bhargav	S. Bhargava
5	19.205	Shaik Meeravali	Sk. Meeravali
6	19.206	Dalli Vijaya Lakshmi	P. Vijaya Lakshmi
7	19.207	Pedasanganti Sravani	P. Sravani
8	19.208	Vuyyuru Gowri	V. Gowri
9	19.231	Katta Mounika	K. Mounika
10	19.232	Jannu Doshnanka	J. Doshnanka
11	19.234	Vallabhaneni Naveen	V. Naveen
12	19.235	Gurram Anusha	G. Anusha
13	19.236	Gurram Bhanuprakash	G. Bhanuprakash
14	19.237	Boppanapalli Hemanth	B. Hemanth
15	19.238	Arepalli Santhi	A. Santhi
16	19.239	Padmanabhuni Likhita Lakshmi	P. Likhita Lakshmi
17	19.240	Kundeti Venkatesh	K. Venkatesh
18	19.241	Aryavarapu Sai Kiran	A. Sai Kiran
19	19.242	Orchu Siva Krishna	O. Siva Krishna
20	19.243	Talasila Priyanka	T. Priyanka
21	19.244	Eda Hema	E. Hema
22	19.245	Vuyyuru Pavani	V. Pavani
23	19.246	Jujjuvarapu Madhavi	J. Madhavi
24	19.247	Devarapalli Anil Kumar	D. Anil Kumar
25	19.248	Dokka Venkatesh	D. Venkatesh
26	19.249	Kodamanchili Subhash	K. Subhash
27	19.250	Badisa Raja Shekar	B. Raja Shekar
28	19.251	Ponugumati Sai Prakash	P. Sai Prakash
29	19.256	Loya Murali Krishna	L. Murali Krishna
30	19.257	Toleti Nehru	T. Nehru

A. Bhargavi  
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

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

I Year B.Sc. MPCs (English Medium) [U.A.]; Year :: 2019-2020

S.No:	Roll.No	Student Name	Signature
1	19.601	Tumati Suneel Kumar	T. Suneel
2	19.603	Puvvada Likhitha Naga Sai Vara Siddhika	P. Siddhika
3	19.604	Golla Deepthi	G. Deepthi
4	19.605	Rajulapati Keerthi	P. Keerthi
5	19.606	Kondeti Prathima	Jc. Prathima
6	19.607	Kunderu Supriya	K. Supriya
7	19.608	Osuri Anil Kumar	O. Anil Kumar
8	19.609	Vuyyuru Swathi	V. Swathi
9	19.610	Osuri Rahelsri	O. Rahelsri
10	19.611	Kilarapu Lakshmi	Jc. Lakshmi
11	19.612	Olupalli Saichand	O. Saichand
12	19.613	Veeranki Pavani	V. Pavani
13	19.614	Mandapalli Rajesh	ma. Rajesh
14	19.615	Yandamuri Vijaya Lakshmi	V. Lakshmi
15	19.616	Pamula Gopichand	P. Gopi
16	19.617	Kalisetti Venkata Durga	K. Durga
17	19.619	Syed Hlimunnisa	S. Hlimunnisa
18	19.620	Paramsetti Sirisha	P. Sirisha
19	19.621	Bezawada Sai Krishna	B. Sai
20	19.622	Kommineni Vamsi Nagendra	K. Vamsi
21	19.623	Nalluri Sundra Rao	N. Sundra
22	19.624	Madala Bhargavsai	M. Bhargava
23	19.625	Pidugu Jaya Lakshmi	P. Jaya
24	19.626	Elisetti Lakshmi Sarvani	E. Sarvani
25	19.627	Kandula Usha Sri	K. Usha
26	19.628	Gummadi Phani Kumar	G. Phani
27	19.629	Mohammad Rafathunnisa	M. Rafathunnisa
28	19.630	Peram Haritha Rani	P. Rani
29	19.631	Boddu Keerthi	B. Keerthi
30	19.632	Dokku Sireesha	D. Sireesha
31	19.633	Simhadri Prasanna Bhavani	S. Bhavani
32	19.634	Vadlani Jhansi	V. Jhansi
33	19.635	Gona Suneetha	G. Suneetha
34	19.636	Mindi Jyothi	M. Jyothi
35	19.637	Sathivada Eswar Kumar	S. Eswar
36	19.638	Bade Lavanya	B. Lavanya
37	19.639	Keerthi Aswitha	K. Aswitha
38	19.640	Annavarapu Pavan Kumar	A. Pavan
39	19.641	Dannana Dhana Lakshmi	D. Lakshmi
40	19.642	Abdul Rasheed	A. Rasheed
41	19.643	Shaik Sameera Begum	S. Begum
42	19.644	Shaik Sahera Begum	S. Sahera
43	19.645	Choppakatta Tanishka	C. Tanishka
44	19.646	Prakerla Geetha Sri	P. Geetha
45	19.647	Matha Krishna Sai	M. Sai
46	19.648	Bandrapalli Prathyusha	B. Prathyusha
47	19.649	Pallapothu Aruna	P. Aruna
48	19.650	Karimiji Srikanth	K. Srikanth
49	19.651	Musugu Aruna	M. Aruna
50	19.652	Chittimotu Naga Sai Krishna	C. Nagsai
51	19.653	Akula Eswara Rao	A. Eswara
52	19.654	Jampana Mounika	J. Mounika
53	19.655	Gurivindagunta Varun Kumar	G. Varun
54	19.656	Shaik Makbul Basha	S. Basha
55	19.657	Pamu Soma Venkata Sai Duth	P. Sai
56	19.658	Valluru Chandu	V. Chandu
57	19.660	Edupuganti Sumanth	E. Sumanth

*A. Bhargavi*  
Signature of the Lecturer

Head of the Department  
 Department of Mathematics  
 A. N. S. G. Siddhartha Degree College  
 Vuyyuru - 521 145

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

I Year B.Sc. MCCs (English Medium) [U.A.] ; Year :: 2019-2020

S.No:	Roll.No	Student Name	Signature
1	19.701	Abdul Kareem	A. Kareem
2	19.702	Botcha Durga Praveen	B. Durga
3	19.703	Abdul Rehana	A. Rehana
4	19.704	Gundala Surendrababu	G. Surendra
5	19.705	Koyyi Veera Praveen	K. Veera
6	19.706	Meddisetty Naga Jagadeesh	M. Naga
7	19.707	Pamarthi Deepika	P. Deepika
8	19.708	Vempati Akhila	V. Akhila
9	19.709	Kumpati Balasouri	K. Balasouri
10	19.710	Sala Srinivas	S. Srinivas
11	19.711	V.V.V.S.S.Nagababu	V. Naga
12	19.712	Olipilli Neeraja	O. Neeraja
13	19.713	Parasa Mahesh Babu	P. Mahesh
14	19.714	Pallapothu Nithish	P. Nithish
15	19.715	Mohammad Noorbasha	M. Noorbasha
16	19.716	Chillimuntha Mohanasai	C. Mohanasai
17	19.717	Guttikonda Sujitha	G. Sujitha
18	19.719	Pandalaneni Raja Sri	P. Raja
19	19.720	Pandalaneni Ravitha	P. Ravitha
20	19.721	Bolem Sivannarayana	B. Sivanna
21	19.722	Amudalapalli Jahanvi	A. Jahanvi
22	19.723	Kruttiventi Sushama Swaraj	K. Sushama
23	19.724	Malleda Pavan Kumar	M. Pavan
24	19.725	Abdul Jaleel	A. Jaleel
25	19.726	Chirra Lakshman Kumar	C. Lakshman
26	19.728	Suvarnaganti Yamini	S. Yamini
27	19.729	Veeranki Ramiyasri	V. Ramiyasri
28	19.730	Shaik Julfahar Vuli	S. Julfahar
29	19.732	Lukka Ramya	L. Ramya
30	19.733	Enapakurti Sowmya	E. Sowmya
31	19.734	Dokku Vijay Kumar	D. Vijay
32	19.735	Medisetty Sambasiva Rao	M. Sambasiva
33	19.736	Kareem Khan	K. Khan
34	19737	Marri Praveen	M. Praveen
35	19.738	Thodeti Nikhitha	T. Nikhitha
36	19.739	Veerla Teja Vinay	V. Teja
37	19.740	Chinamuttevi Yyga Venkateswara Rao	C. Rao
38	19.741	Thokala Jaya Varshitha	T. Jaya
39	19.742	Vuyyuru Tanuja	V. Tanuja
40	19.743	Gurvindapalli Ravi Teja	G. Ravi
41	19.744	Bolem Mohan	B. Mohan
42	19.745	Mohammad Fathimunnisa	M. Fathimunnisa
43	19.746	Kemburi Pavan Kalyan	K. Pavan
44	19.747	Shaik Imran	S. Imran
45	19.748	Veeranki Girish	V. Girish
46	19.749	Sakhamuri Bhargavi	S. Bhargavi
47	19.750	Kothagundla Supriya	K. Supriya
48	19.751	Bayneedu Vamsinath	B. Vamsinath
49	19.752	Salimidi Asha Venkata Prasanna	S. Asha
50	19.753	Puttanaveedi Syama	P. Syama
51	19.754	Chapala Srinivas	C. Srinivas
52	19.755	Kandru Charitha Sri	K. Charitha
53	19.756	Veeranji Pavan Kumar	V. Pavan
54	19.757	Veeranki Sravanya	V. Sravanya
55	19.758	Kalapala Shalini	K. Shalini
56	19.759	Amreen Jahan	A. Jahan
57	19.760	Rompella Ranga Ramya	R. Ramya

A. Bhargavi  
Signature of the Lecturer

Head of the Department  
Department of Mathematics  
Signature of the Head of the Department  
VUYYURU - 521 165

**AG & SG Siddhartha Degree College of Arts & Science (Autonomous), Vuyyuru**  
**Bridge Course Attendance**

1 Year B.Sc. MPC (Telugu Medium) : Year :: 2019-2020

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	19.201	Pachigalla Sandeep	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	19.202	Thummala Siva Sai Krishna	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	19.203	Abdul Gaffar	M	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	19.204	Srikakulapu Bhargav	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	19.205	Shaik Meeravali	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	19.206	Dalli Vijaya Lakshmi	F	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	19.207	Pedasanganti Sravani	F	BC-A	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P
8	19.208	Vuyyuru Gowri	F	BC-B	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
9	19.231	Katta Mounika	F	ST	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	19.232	Jannu Doshnanka	F	BC-B	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	19.234	Vallabhaneni Naveen	M	BC-A	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P
12	19.235	Gurram Anusha	F	BC-B	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
13	19.236	Gurram Bhanuprakash	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
14	19.237	Boppanapalli Hemanth	M	SC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
15	19.238	Arepalli Santhi	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	19.239	Padmanabhuni Likhita Lakshmi	F	OC	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
17	19.240	Kundeti Venkatesh	M	BC-A	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A
18	19.241	Aryavarapu Sai Kiran	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	19.242	Orechu Siva Krishna	M	BC-A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P
20	19.243	Talasila Priyanka	F	OC	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
21	19.244	Eda Hema	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	19.245	Vuyyuru Pavani	F	BC-B	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	A
23	19.246	Jujjuvarapu Madhavi	F	SC	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
24	19.247	Devarapalli Anil Kumar	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	19.248	Dokka Venkatesh	M	SC	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	A
26	19.249	Kodamanchili Subhash	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	19.250	Badisa Raja Shekar	M	BC-B	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	A
28	19.251	Ponugumati Sai Prakash	M	SC	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A
29	19.256	Loya Murali Krishna	M	BC-D	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
30	19.257	Toleti Nehru	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

*A. R. Shoban*  
Signature of the Lecturer

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

*Formulas on differentiation*

*Formulas on Integration*

*Formulas on 1st degree Equations*

*Formulas on Higher order Differentiated*

AG & SG Siddhartha Degree College of Arts & Science (Autonomous), Vuyyuru  
 I Year B.Sc. MPC (English Medium) : Year :: 2019-2020

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	19.401	Mogili Chandra Sekhar	M	ST	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
2	19.402	Kodeboyina B.S.P.Kalyan	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	19.403	Pagolu Vivek Vardhan	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	19.404	Veerla Vijaya Lakshmi	F	BC-D	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
5	19.405	Manikonda Rose Manasa	F	SC	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
6	19.407	Myla Sandhya Rani	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	19.408	Emani V.G.Naveen Kumar	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	19.409	Velivela Vasudha	F	BC-B	P	P	P	P	P	P	P	A	P	A	P	P	P	A	P
9	19.410	Dusari Hepsibha	F	SC	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P
10	19.411	Guntu Sowmya	F	SC	A	P	P	P	P	P	P	A	P	P	P	P	A	P	P
11	19.412	Akula Ruthu Louis	F	BC-D	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P
12	19.413	Karumuri Pavan Kalyan	M	BC-D	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A
13	19.414	Puppala Rushendra Mani	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P
14	19.415	Shaik Abdul Sattar	M	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
15	19.416	Oleti Sampath Kumar	M	SC	A	P	P	P	P	P	P	P	P	A	P	P	P	A	A
16	19.417	Chitturi Jyothi	F	SC	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
17	19.418	Karnthi Tulasi	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	19.419	Akula Sri Harshita	F	OC	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
19	19.420	Sirigineedi Nikhilsanjay	M	OC	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
20	19.421	Karanam Jhansi	F	BC-D	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
21	19.422	Kalapala Madhu Priya	F	SC	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
22	19.423	Vinnakota Akshitha	F	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	19.424	Marreddy Prasanth	M	OC	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
24	19.425	Singamsetti Kusuma	F	OC	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
25	19.426	Gullanki Kusuma	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
26	19.427	Goriparthi Chandu	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	19.428	Ravuri Vamsi Vivek	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	19.429	Maarella Srinivas Rao	M	BC-A	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
29	19.430	Ramavath Srikanth Nayak	M	ST	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	19.431	Syed Mahabub	M	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	19.432	Shaik Anwar Shareef	M	BC-E	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
32	19.433	Kolusu Dwaraka	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	19.435	Nerusu Gopinath	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	19.436	Saki Malavika	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

*A. Shoban*  
 Signature of the Lecturer

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

*Formulas on differentiation*

*Formulas on integration*

*Formulas on 1<sup>st</sup> degree*

*Formulas on Higher order D.E*

AG & SG Siddhartha Degree College of Arts & Science (Autonomous), Vuyyuru  
 I Year B.Sc. MPCs (English Medium) [U.A.] : Year :: 2019-2020

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	19.601	Tumati Suneel Kumar	M	SC	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P
2	19.603	Puvvada Likhitha Naga Sai Vara Siddhika	F	OC	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
3	19.604	Golla Deepthi	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	19.605	Raiulapati Keerthi	F	BC-B	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	19.606	Kondeti Prathima	F	SC	A	P	A	P	P	P	P	P	P	P	P	A	P	P	P
6	19.607	Kunderu Supriya	F	BC-A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
7	19.608	Osuri Anil Kumar	M	BC-D	P	P	P	A	P	P	P	A	P	P	A	P	P	P	P
8	19.609	Vuyyuru Swathi	F	BC-B	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
9	19.610	Osuri Rahelsri	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	19.611	Kilarapu Lakshmi	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
11	19.612	Olupalli Saichand	M	BC-D	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	19.613	Veeranki Pavani	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	19.614	Mandapalli Rajesh	M	BC-D	P	A	P	P	A	P	P	P	P	P	P	P	A	A	P
14	19.615	Yandamuri Vijaya Lakshmi	F	BC-A	P	A	P	A	A	P	P	P	P	P	P	A	P	P	P
15	19.616	Pamula Gopichand	M	SC	A	P	P	A	P	P	P	P	P	P	P	P	A	P	P
16	19.617	Kalisetti Venkata Durga	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
17	19.619	Syed Hlimunnisa	F	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	19.620	Paramsetti Sirisha	F	BC-B	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
19	19.621	Bezawada Sai Krishna	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	19.622	Kommineni Vamsi Nagendra	M	OC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
21	19.623	Nalluri Sundra Rao	M	SC	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
22	19.624	Madala Bhargavsai	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	19.625	Pidugu Jaya Lakshmi	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	19.626	Eliseti Lakshmi Sarvani	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	19.627	Kandala Usha Sri	F	BC-B	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
26	19.628	Gummadi Phani Kumar	M	SC	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
27	19.629	Mohammad Rafathunnisa	F	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	19.630	Peram Haritha Rani	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	19.631	Boddu Keerthi	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	19.632	Dokku Sireesha	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	19.633	Simhadri Prasanna Bhavani	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	19.634	Vadlani Jhansi	F	OC	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
33	19.635	Gona Suneetha	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	19.636	Mindi Jyothi	F	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	19.637	Sathivada Eswar Kumar	M	BC-D	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
36	19.638	Bade Lavanya	F	OC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P









Answer ALL the following questions.

15 x 2 = 30M

1)  $\int f(x) \cdot g(x) dx =$

a)  $\int f(x) \cdot g(x) dx + \int f'(x) \int g(x) dx + c$

b)  $\int f(x) \cdot g(x) dx + \int f'(x) \int g(x) dx + c$

c)  $\int f(x) \cdot g'(x) dx + \int f'(x) \cdot g(x) dx + c$

d) none of these.

2) the function  $f'(x) = \lim_{h \rightarrow ?} \frac{f(x+h) - f(x)}{h}$

a)  $h \rightarrow 0$

b)  $h \rightarrow -\infty$

e)  $h \rightarrow \infty$

d)  $h \rightarrow \mathbb{Z}$ , where  $\mathbb{Z}$  is an integer

3) If  $f(x) = x^3 - 2x + 10$ , then  $f'(2) = ?$

a) 10

b) 12

c) 14

d) 6.

4)  $\int x^3 e^{x^2} dx =$

a)  $\frac{1}{2} (x^2 + 1) e^{x^2} + c$

b)  $(x^2 + 1) e^{x^2} + c$

c)  $\frac{1}{2} (x^2 - 1) e^{x^2} + c$

d)  $(x^2 - 1) e^{x^2} + c$

5) 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)  $\frac{(\log x)^2}{2} - \frac{x^2}{4} + c$

6)  $\int_0^2 x^2 dx =$

a) 2

b)  $2/3$

c)  $8/3$

d) None

7) The value of  $\frac{\tan 60^\circ}{\cot 30^\circ}$  is equal to

a) 0

b) 1

c) 2

d) 3

- 8)  $1 - \cos^2 A$  is equal to  
 a)  $\sin^2 A$       b)  $\tan^2 A$       c)  $1 - \sin^2 A$       d)  $\sec^2 A$
- 9)  $\sin(90^\circ - A)$  and  $\cos A$  are  
 a) Different      b) Same      c) Not related      d) None of the above
- 10) The matrix which follows the conditions  $m=n$  is called?  
 a) Square matrix      b) Rectangular matrix      c) Scalar Matrix  
 d) diagonal matrix.
- 11) The Matrix  $A = \begin{bmatrix} 4 \\ 12 \\ 36 \end{bmatrix}$  is  
 a) Horizontal Matrix      b) Scalar Matrix      c) Row matrix  
 d) Column Matrix.
- 12) For any two Matrices A and B, we have  
 a)  $AB = BA$       b)  $AB \neq BA$       c)  $AB = 0$       d) None of the above.
- 13) The value of  $x$  and  $y$  satisfying the system of equations  $2x - 3y + 13 = 0$  and  $3x - 2y + 12 = 0$  is  
 a)  $x=2, y=3$       b)  $x=-2, y=-3$       c)  $x=-2, y=3$       d) None of these
- 14) Find the solution to the following system of linear equations  
 $0.2x + 0.3y = 1.2$ ,  $0.1x - 0.1y = 0.1$   
 a)  $(1, 2)$       b)  $(2, 3)$       c)  $(3, 2)$       d)  $(2, 1)$
- 15) The pair of equations  $x=0$  and  $x=5$  has  
 a) No solution      b) Unique solution      c) Two solutions  
 d) Infinitely Many solutions.

Department of Mathematics  
Bridge Course Question Paper

Date: 20/9/20  
Max.Marks:30M

Time: 1Hrs

Answer ALL the following questions.

15 x 2 = 30M

$\frac{14}{15}$

- 1)  $\int f(x) \cdot g(x) dx =$
- a)  $\int f(x) \cdot g(x) dx + \int f'(x) \cdot g(x) dx + c$       b)  $\int f(x) \cdot g(x) dx + \int f'(x) \cdot g(x) dx + c$
- c)  $\int f(x) \cdot g'(x) dx + \int f'(x) \cdot g(x) dx + c$       ~~d) none of these~~
- 2) The function  $f'(x) = \lim_{h \rightarrow ?} \frac{f(x+h) - f(x)}{h}$
- ~~a)  $h \rightarrow 0$~~       b)  $h \rightarrow -\infty$       c)  $h \rightarrow \infty$       ~~d)  $h \rightarrow \pi$ , where  $\pi$  is an integer~~
- 3) If  $f(x) = x^3 - 2x + 10$ , then  $f'(2) = ?$
- ~~a) 10~~      b) 12      c) 14      d) 6
- 4)  $\int x^3 e^{x^2} dx =$
- a)  $\frac{1}{2} (x^2 + 1) e^{x^2} + c$       b)  $(x^2 + 1) e^{x^2} + c$       ~~c)  $\frac{1}{2} (x^2 - 1) e^{x^2} + c$~~       d)  $(x^2 - 1) e^{x^2} + c$
- 5) 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)  $x \log x - \frac{1}{4x} + c$~~       d)  $\frac{(\log x)^2}{2} - \frac{x}{4}$
- 6)  $\int_0^1 x^2 dx =$
- a) 2      b)  $\frac{2}{3}$       ~~c)  $\frac{3}{3}$~~       d) None
- 7) The value of  $\frac{\tan 60^\circ}{\cot 30^\circ}$  is equal to
- a) 0      ~~b) 1~~      c) 2      d) 3

e)  $1 - \cos^2 A$  is equal to

- a)  ~~$\sin^2 A$~~     b)  $\tan^2 A$     c)  ~~$1 - \sin^2 A$~~     d)  $\sec^2 A$

f)  $\sin(90^\circ - A)$  and  $\cos A$  are

- a) Different    b) ~~Same~~    c) Not related    d) None of the above

g) The matrix which follows the conditions  $m=n$  is called

- a) Square matrix    b) Rectangular matrix    c) ~~Scalar matrix~~  
d) diagonal matrix.

h) The Matrix  $A = \begin{bmatrix} 4 \\ 12 \\ 36 \end{bmatrix}$  is

- a) Horizontal Matrix    b) ~~Scalar Matrix~~    c) Row matrix  
d) ~~Column Matrix~~.

i) For any two matrices A and B, we have

- a)  ~~$AB = BA$~~     b)  $AB \neq BA$     c)  ~~$AB = 0$~~     d) None of the above

j) The value of  $x$  and  $y$  satisfying the system of

equations  $2x - 3y + 13 = 0$  and  $3x - 2y + 12 = 0$  is

- a)  $y = 2, x = 3$     b)  ~~$x = -2, y = -3$~~     c)  ~~$x = 1, y = 3$~~     d) None of these

k) Find the solution to the following system of linear equations

$$0.2x + 0.3y = 1.2, \quad 0.1x - 0.1y = 0.1$$

- a)  $(1, 2)$     b)  $(2, 3)$     c)  ~~$(3, 2)$~~     d)  ~~$(2, 1)$~~

l) The pair of equations  $x = 0$  and  $x = 5$  has

- a) No solution    b) Unique solution    c) ~~Two solutions~~  
d) ~~Infinitely many solutions~~

Answer ALL the following questions.

16  
15

15 x 2 = 30M

1)  $\int f(x) \cdot g(x) dx =$

a)  $\int f(x) \cdot g(x) dx + \int f'(x) \int g(x) dx + c$       b)  $\int f(x) \cdot g(x) dx + \int f'(x) \int g(x) dx + c$

c)  $\int f(x) \cdot g'(x) dx + \int f'(x) \cdot g(x) dx + c$       ~~d) none of these~~

2) The function  $f'(x) = \lim_{h \rightarrow ?} \frac{f(x+h) - f(x)}{h}$

~~a)  $h \rightarrow 0$~~

b)  $h \rightarrow -\infty$

c)  $h \rightarrow \infty$

~~d)  $h \rightarrow Z$ , where  $Z$  is an integer~~

3) If  $f(x) = x^3 - 2x + 10$ , then  $f'(x) = ?$

~~a) 10~~

b) 12

c) 14

d) 6 ✓

4)  $\int x^3 e^{x^2} dx =$

a)  $\frac{1}{2} (x^2 + 1) e^{x^2} + c$

b)  $(x^2 + 1) e^{x^2} + c$

~~c)  $\frac{1}{2} (x-1) e^{x^2} + c$~~       d)  $(x-1) e^{x^2} + c$

5) value of  $\int x \log x dx$  is

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

b)  $\frac{x \log x}{2} - \frac{x}{4} + c$

c)  $x \log x - \frac{1}{x} + c$

d)  $\frac{(x \log x)^2}{2} - \frac{x^2}{4}$

6)  $\int_0^{\infty} x^2 dx =$

a) 2

b)  $2/3$

~~c)  $3/3$~~

d) None ✓

7) The value of  $\frac{\tan 60^\circ}{\cot 30^\circ}$  is equal to

a) 0

~~b) 1~~

c) 2

d) 3 ✓



8)  $1 - \cos^2 A$  is equal to

- a)  ~~$\sin A$~~     b)  $\tan A$     c)  $1 - \sin^2 A$     d)  ~~$\sec A$~~

9)  $\sin(90^\circ - A)$  and  $\cos A$  are

- a) Different    b) ~~same~~    c) ~~not related~~    d) ~~None of the above~~

10) The matrix which follows the conditions  $m=n$  is called:

- a) Square matrix    b) Rectangular matrix    c) ~~Scalar matrix~~  
d) diagonal matrix

11) The Matrix  $A = \begin{bmatrix} 4 \\ 12 \\ 36 \end{bmatrix}$  is

- a) Horizontal matrix    b) Scalar matrix    c) Row matrix  
d) ~~Column matrix~~

12) For any two matrices A and B, we have

- a)  ~~$AB = BA$~~     b)  $AB + BA$     c)  $AB = 0$     d) ~~None of the above~~

13) The value of  $x$  and  $y$  satisfying the system of

equations  $2x - 3y + 13 = 0$  and  $3x - 2y + 12 = 0$  is

- a)  $x=2, y=3$     b)  ~~$x=-2, y=-3$~~     c)  ~~$x=2, y=3$~~     d) None of these

14) Find the solution to the following system of linear equations

$$0.2x + 0.3y = 1.2, \quad 0.1x - 0.1y = 0.1$$

- a)  $(1, 2)$     b)  $(2, 3)$     c)  ~~$(3, 2)$~~     d)  ~~$(2, 1)$~~

15) The pair of equations  $x=0$  and  $x=5$  has

- a) No solution    b) ~~Unique solution~~    c) Two solutions  
d) ~~Infinitely many solutions~~

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

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An Autonomous College in the Jurisdiction of Krishna University

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

### **Bridge Course**

Department : **PHYSICS**

Academic year : **2019-20**

Semester : **I**

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

**Bridge Course**  
**Student Enrolment Sheet**  
**2019-20**

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

S. No	Roll No.	Name of the Student	Signature
1	19-201	P.Sandeep	P. sandeep
2	19-202	T.Siva Sai Krishna	T. siva sai krishna
3	19-203	Abdul Gaffar	Abdul Gaffar
4	19-204	S.Bhargav	S. Bhargav
5	19-205	SK.Meeravalli	SK. meeravalli
6	19-206	D.Vijaya Lakshmi	D. vijaya lakshmi
7	19-207	P.Sravani	P. sravani
8	19-208	V.Gowri	V. Gowri
9	19-231	K.Mounika	V. Gowri
10	19-232	J.Doshnanka	K. Mounika
11	19-233	G.Keerthi Sri	J. doshanka
12	19-234	V.Naveen	V. Naveen.
13	19-235	G.Anusha	G. Anusha
14	19-236	G.Bhanu Prakash	G. Bhanu Prakash
15	19-237	B.Hemanth	B. Hemanth
16	19-238	A.Santhi	A. Santhi
17	19-239	P.Likhitha Lakshmi	P. Likhitha Lakshmi
18	19-240	K.Venkatesh	K. Venkatesh
19	19-241	A.Sai Kiran	A. sai kiran
20	19-242	O.Siva Krishna	O. siva krishna
21	19-243	T.Priyanka	T. priyanka
22	19-244	E.Hema	E. Hema.
23	19-245	V.Pavani	V. pavani
24	19-246	J.Madhavi	J. madhavi
25	19-247	D.Anil Kumar	D. Anil Kumar
26	19-248	D.venkatesh	D. venkatesh
27	19-249	K.Subhash	K. subhash
28	19-250	B.Raja Shekar	B. Raja shekar
29	19-401	K.Bala Pujitha	K. Bala Pujitha
30	19-402	K.B.S.P.Kalyan	K.B.S.P. kalyan
31	19-403	P.Vivek Vardhan	P. vivek vardhan
32	19-404	V.Vijaya Lakshmi	V. Vijaya lakshmi
33	19-405	M.Rose Manasa	M. Rose Manasa
34	19-406	V.Sai Santha	V. Sai Santha.
35	19-407	M.Sandhya Rani	M. sandhya Rani
36	19-408	E.V.G.Naveen Kumar	E.V.G Naveen Kumar
37	19-409	V.Vasudha	V. Vasudha
38	19-410	D.Hepsibha	D. Hepsibha
39	19-411	G.Soumya	G. soumya
40	19-412	A.Puthalouis	A. Puthalouis
41	19-601	T.Sunil Kumaer	T. sunil kumar

42	19-603	P.L.M.S Vara Siddhika	P.L.M.S Varasiddhika
43	19-604	G.Deepthi	G. Deepthi
44	19-605	R.Keerthi	R. Keerthi
45	19-606	K.Prathima	K. Prathima
46	19-607	K.Supriya	K. Supriya
47	19-608	O.AnilKumar	O. Anil Kumar
48	19-609	V.Swathi	V. Swathi
49	19-610	O.Rahel Sri	O. Rahel Sri
50	19-611	K.Lakshmi	K. Lakshmi
51	19-612	O.Sai Chand	O. Sai Chand
52	19-613	V.Pavani	V. Pavani
53	19-614	M.Rajesh	M. Rajesh
54	19-615	V.Vijaya Lakshmi	V. Vijaya Lakshmi
55	19-616	P.Gopi Chand	P. Gopi Chand
56	19-617	K.Venkata Durga	K. Venkata Durga
57	19-619	Syed .Halimunnisa	Syed. Halimunnisa
58	19-620	P.Sirisha	P. Sirisha
59	19-621	V.Sai Krishna	V. Sai Krishna
60	19-622	K.Vamsi Nagendra	K. Vamsi Nagendra

M. Sate  
Lecturer

T. Abdulah  
HOD

## **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



13	19-235	G.Anusha	BC-B	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	19
14	19-236	G.Bhanu Prakash	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	18
15	19-237	B.Hemanth	SC	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	18
16	19-238	A.Santhi	BC-B	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	18
17	19-239	P.Likhitha Lakshmi	OC	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	19
18	19-240	K.Venkatesh	BC-A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
19	19-241	A.Sai Kiran	BC-D	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	18
20	19-242	O.Siva Krishna	BC-A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	18
21	19-243	T.Priyanka	OC	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	17
22	19-244	E.Hema	BC-B	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	17
23	19-245	V.Pavani	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
24	19-246	J.Madhavi	SC	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	17
25	19-247	D.Anil Kumar	SC	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	16
26	19-248	D.venkatesh	SC	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	19
27	19-249	K.Subhash	SC	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	18
28	19-250	B.Raja Shekar	BC-B	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
29	19-401	K.Bala Pujitha	OC	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	A	P	P	P	16

30	19-402	K.B.S.P.Kalyan	OC	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	17
31	19-404	V.Vijaya Lakshmi	BC-D	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	19
32	19-405	M.Rose Manasa	SC	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	19
33	19-406	V.Sai Santha	BC-A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	19
34	19-407	M.Sandhya Rani	SC	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	19
35	19-408	E.V.G.Naveen Kumar	OC	P	P	P	P	P	A	P	P	P	P	P	A	P	P	A	P	P	P	17
36	19-409	V.Vasudha	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
37	19-410	D.Hepsibha	SC	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	17
39	19-411	G.Soumya	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
40	19-412	A.Puthalouis	BC-D	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	18
41	19-601	T.Sunil Kumaer	SC	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	19
42	19-603	P.L.M.S Vara Siddhika	OC	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	17
43	19-604	G.Deepthi	BC-D	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	20
44	19-605	R.Keerthi	BC-B	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	19
45	19-606	K.Prathima	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	19
46	19-607	K.Supriya	BC-A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	18
47	19-608	O.AnilKumar	BC-D	P	P	P	P	P	P	A	P	P	A	P	P	P	A	P	P	P	P	17
48	19-609	V.Swathi	BC-B	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	18





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

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

### **Bridge Course**

Department	:	POLITICAL SCIENCE
Academic year	:	2019-2020
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	1911001	Fouziya.	Fouziya
2	1911002	P. Nani	P. Nani
3	1911003	V. Preeti	V. Preeti.
4	1911004	K. Ravi Kumar.	K. Ravi Kumar
5	1911005	Durga Prasad.	Durga Prasad
6	1911006	K. Suresh.	K. Suresh.
7	1911007	M. Bhargavi	M. Bhargavi
8	1911010	T. Ravi	T. Ravi
9	1911013	M. Bhargav Krishna.	M. Bhargav Krishna
10	1911016	S. Ganesh	S. Ganesh
11	1911019	D. Bala Bhaskar.	D. Bala. Bhaskar
12	1911022	M. Lavanya	M. Lavanya
13	1911023.	K. Myra	K. Myra
14	1911024.	Md. Rafi	Md. Rafi
15	1911027.	D. Ratna Bai	D. Ratna Bai

Dr. G. Veera Reddy  
Head, Department of Political Science  
A.G. & S.G. Siddhartha Degree College  
(Autonomous), VUYURU - 521165

  
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:

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.
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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.

## **BITS**

**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:

- 1B
- 2B
- 3D
- 4A
- 5B
- 6C
- 7B
- 8B
- 9C
- 10D

## BITS

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

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

9  
10

(B) ✓

2. By whom is the budget passed first?

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

(A) ✓

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

(B) ✓

4. Who appoints the provisional Speaker of Lok Sabha?

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

(A) ✓

**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

( B )

**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

( C )

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

(A) in either house

(B) Lok Sabha

(C) Rajya Sabha

(D) none of these

( B )

**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

( B )

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

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

(C)

**10. Parliament is not included in?**

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

(D)

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

**Bridge Course - Attendance Register**

Class / Section: I<sup>st</sup> B.A Year 2019-20 Department of Political Science

Paper: Basic Lecturer: Dr. G. Veera Raju  
conceptsch p.s

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	1911001	Fauziya	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
2	1911002	P. Nami	SC	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	18
3	1911003	V. Preeti	SC	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	17
4	1911004	K. Ravi Kumar	SC	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	19
5	1911005	Durga Prasad	SC	P	P	A	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	P	16
6	1911006	K. Sukesh	SC	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	18
7	1911007	M. Bhargavi	SC	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	19
8	1911010	T. Ravi	BC-D	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	17
9	1911013	M. Bhargav Krishna	SC	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	18
10	1911016	S. Ganesh	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
11	1911019	D. Bala Bhaskar	BC-D	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18
12	1911020	M. Lavanya	BC-D	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	19
13	1911023	K. Myra	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
14	1911024	Md. Rabii	BC-E	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	17
15	1911027	D. Ratna Bai	SC	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	18

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

*G. Veerayya*  
PRINCIPAL  
AG & SG Siddhartha Degree College of  
Art & Science (Autonomous), Vuyyuru

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Internal Quality Assurance Cell (IQAC)

## Bridge Course

Department	:	<u>          Telugu          </u>
Academic year	:	<u>          2019-2020          </u>
Semester	:	<u>          One          </u>

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  
ౠ ఌ ఎ ఏ ఐ ఓ ఔ అం అః

హల్లులు- 34.

క ఖ 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 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 కంటి ప్రాకృతములో పదియక్షరములు తక్కువ.

[ఋ ఋ ఐ ఔ ఞ శ ష అనునవి ఇందులేవు]

అచ్చతెనుగు తెనుగునకు వర్ణములు ముప్పదియాలు

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

హల్లులు- 22. క గ చ-చే జ 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 ఓ ఔ ం ఁ :

క ఖ గ ఘ ఙ చ చే ఛ

జ జే ఋ ట ఠ డ ఢ ణ

త థ ద ధ న ప ఫ బ భ మ

య ర ల ల శ వ శ ష స హ

గమనిక: సంస్కృతముకంటే ఆంధ్రమున ఆరు అక్షరములు ఎక్కువగా కలవు.

[ ఎ ఒ చ జ ణ ఇవి సంస్కృతమున లేవు. ]

ఆంధ్ర భాషలో 56 అక్షరములను మూడు రకములుగా విభజించిరి.

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

అ ఆ ఇ ఈ ఉ ఊ ఋ ఌ

ఎ ఏ ఐ 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 జ జే ఋ

ట 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-ౌ - ఎ- ఒ (7)

కొంత ఎక్కువ కాలములో ఉచ్చరింపబడునవి దీర్ఘములు.

ఉదా - ఆ- ఈ- ఊ- ఋ-ౌ- ఏ- 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 - ఠ - డ (6)

**సరళములు :** తేలికగా పలుకబడు హల్లులు.

గ - జ - ఙ - డ - ఢ - బ (6)

**స్థిరములు :** పరుష సరళములుగాక తక్కిన హల్లులు

ఖ - ఘ - ఙ - ఛ - ఝ - ఞ - త - థ

ణ - ధ - ధ - న - ఫ - భ - మ

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

ఇందులో నాసిక సాయమున ఉచ్చరింపబడువానిని

అనునాసికములందురు. ఙ్జ - ఞ - 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 : I B.A

\*2019-2020\*

S. No	Roll No.	Name of the Student	Signature
1	19-002	P. Nani	P. Nani
2	003	V. Preethi	V. Preethi
3	006	C. Sukesh	K. Sukesh
4	007	M. Bhargavi	M. Bhargavi
5	008	M. V. Vardhan	M. V. Vardhan
6	010	T. Ravi	T. Ravi
7	011	M. S. Rani	M. S. Rani
8	013	M. B. Krishna	M. B. Krishna
9	020	S. Nagendra Babu	S. Nagendra Babu
10	022	M. Lavanya	M. Lavanya
11	023	K. Myrna	K. Myrna
12	026	Y. Sujala	Y. Sujala
13	027	D. Ratna Bai	D. Ratna Bai
14			
15			

M. C. S. Kumar

# 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 : 2019-20

Department of: Telugu

Paper:

Lecturer: M.L.S.Kumari

Sl. No	Roll No	Student Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
1	19-002	P. Nani	P	P	P		P	P	P	P	P	P	P	P		P	P	13
2	003	V. Preeti	P	P	P	P	P		P		P	P	P	P	P	P	P	13
3	006	C. Suresh		P	P	P	P	P		P	P	P	P	P	P		P	12
4	007	M. Bhargavi	P	P	P	P	P		P	P	P	P	P	P	P	P	P	14
5	008	M.V. Varadhan		P	P	P		P	P	P		P	P	P	P		P	11
6	010	T. Ravi	P	P	P		P	P	P	P	P	P	P	P	P	P	P	14
7	011	M.S. Rami		P	P	P	P	P	P	P	P	P	P		P	P	P	13
8	013	M.B. Krishna	P	P		P	P	P		P	P	P	P	P	P	P	P	14
9	020	S. Nagendra Babu	P		P	P	P	P	P	P	P	P	P	P	P	P	P	14
10	022	M. Lavanya	P	P	P		P	P	P		P	P	P	P		P	P	12
11	023	C. Myra		P	P		P	P	P	P		P	P	P	P	P	P	13
12	026	Y. Sriwala	P	P	P	P	P	P	P	P		P		P		P	P	12
13	027	D. Ratna Bai	P	P		P	P	P	P	P	P	P	P	P	P		P	13
14																		
15																		

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 (Com)

\*2019-2020\*

S. No	Roll No.	Name of the Student	Signature
1	19-801	N. Teja Sri	N. Teja Sri
2	803	M. Sravani	M. Sravani
3	804	T. Hitendra	T. Hitendra
4	805	K. Naga Sri	K. Naga Sri
5	808	M. S. Syam Kumar	M. S. Syam Kumar
6	810	V. Chandrika	V. Chandrika
7	811	Ch. Neelima	Ch. Neelima
8	812	Sk. Meera babu	Sk. Meera babu
9	816	Ch. Ruthvic	Ch. Ruthvic
10	817	M. Parameswari	M. Parameswari
11	820	S. Sony	S. Sony
12	825	A. Vinay Kumar	A. Vinay Kumar
13	828	J. Revathi	J. Revathi
14	829	J. Supraja	J. Supraja
15	834	V. Mahesh	V. Mahesh

M. S. Kumari

# 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) Year : 2019-2020  
Paper: (Com) Lecturer: M.L.S.Kumari

Department of: Telugu

Sl. No	Roll No	Student Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
1	19-801	N. Teja Sri	P	P	P		P	P	P	P	P	P	P		P	P	P	13
2	803	M. Sravani	P		P	P	P	P	P	P	P	P	P	P	P	P	P	14
3	804	T. Hitendra	P	P	P	P		P	P	P		P	P	P	P	P	P	13
4	805	P. Naga Sri	P	P	P	P	P		P	P	P	P	P	P	P	P	P	14
5	808	M.S. Syam Kumar		P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
6	810	V. Chandrika	P	P	P		P	P	P	P	P	P	P		P	P		12
7	811	Ch. Neelima	P	P		P	P	P	P	P	P	P	P	P	P	P	P	14
8	812	S.K. Meera babu	P	P	P	P	P	P	P	P		P	P	P		P	P	13
9	816	Ch. Rithvik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
10	817	M. Parameswari	P		P	P	P		P	P	P	P	P		P	P	P	12
11	820	S. Sony	P	P		P	P	P	P	P	P		P	P	P	P	P	13
12	825	A. Vinay Kumar	P	P	P	P		P	P	P	P	P	P	P	P	P	P	14
13	828	J. Revathi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
14	829	J. Supraja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
15	834	V. Mahesh	P	P	P	P	P	P	P	P	P	P	P			P	P	13

M.L.S. Kumari  
Signature of the HOD

DEPARTMENT OF TELUGU

Test at the end of bridge programme during

Class: I B. A

Name: P. Nani

Max.Marks: 20

24/25

Date:

Time: 40 min.

2019-2020

Fill in the blanks with suitable answers.

1. అచ్చులు ఎన్ని, అవి రాయండి?

5m

16 - ఆ ఆ ఇ ఈ ఓ ఊ ఋ ౠ  
ఎ ఏ ఐ ఔ ఓ ఊ ఋ ౠ

2. హల్లులు ఎన్ని, అవి రాయండి?

5m

34 - క ఖ గ ఘ ఙ ఞ త థ ద ధ న  
ప ఫ బ భ మ య ర ల వ శ ష స మ ళ

3. ఏవైనా ఐదు గుణింతాలు రాయండి?

5m

✓ కా త తో ల గా ల లా గా గా నై గ గా గా ల  
ప పా పి పి పు పుం పు పూ పే పే పై పా పా పా పం పం పం  
ల లా లో లో లా లూ లూ లై లై లా లా లా లం లం లం

4. డిక్టేషన్.

20 x 1/2 = 10m

- 1 ఆయుర్వృద్ధి
- 2 దుర్యయము
- 3 దౌర్భాగ్యము
- 4 కైజ్లూరికము
- 5 వ్యాఖ్యానము
- 6 స్థిత తత్త్వము
- 7 క్రూతపన్నులు
- 8 పరిచ్ఛేదము
- 9 సకవిసవము
- 10 ధర్మకాండం

- 11 చేత్రరథము
- 12 దుస్థియాము
- 13 నిర్విఘ్నము
- 14 బ్రహ్మకర్మము
- 15 క్షిరగోధం
- 16 నిశ్చేతారథం
- 17 కన్యాకుబ్జము
- 18 ధూమ్రదోషము
- 19 ధర్మ సలహాత
- 20 నిష్కారణము

చ చా చి చో చు చూ చ్చ చ్చూ చె చే చే చూ చూ చూ చ్చూ  
లు లూ లి లో లు లూ ల్లు ల్లూ ల్లీ ల్లీ లూ లూ ల్లూ ల్లూ  
వ వా వి వో వు వూ వ్వు వ్వు వే వే వై వో వో వం వం







# **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

**2019-2020**



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

### **Bridge Course**

Department	:	ZOOLOGY
Academic year	:	2019-2020
Semester	:	I BZC ( T.M&E.M)

**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	19-301	J.VENKATESH	J. Venkatesh
2	19-302	J.PAVANI	J. Pavani
3	19-303	K.SRIVIDYA	K. SRIVIDYA
4	19-304	A.BHUVANA	A. Bhuvana
5	19-305	G.KAVITHA	G. Kavitha.
6	19-306	A.REVATHI	A. Revathi
7	19-307	B.LOKESWARI	B. Lokeswari
8	19-308	K.N.KAVITHA SRI	K.N. Kavitha Sri
9	19-309	G.SRAVANI	G. Sravani
10	19-310	K.KAVYA	K. Kavya
11	19-311	N.MEGHANA	N. Meghana
12	19-312	G.NAGA ASWINI	G. Naga Aswini
13	19-313	K.BHANU PRASAD	K. Bhanu Prasad
14	19-314	T.DURGA RAO	T. Durgarao
15	19-319	J,SANDHYA	J. Sandhya.
16	19-501	D.MANI DEEPIKA	D. mani Deepika

17	19-502	M.DEEPIKA	
18	19-503	B.NAGA DEVI	B. Naga Devi
19	19-504	N.T.V.N. MAHESH BABU	N.T.V.N. Mahesh Babu
20	19-505	A.BINDUMADHAVI	A. Bindu Madhavi
21	19-506	P.SRINIVAS	P. Srinivas
22	19-507	B.KIRAN DEEPTHI	B. Kiran Deepthi
23	19-509	V.K.B.VARSHITHA	V.K.B. Varshitha
24	19-508	P.DIVA SUNDHARA NIDHI	P.D. Sundhara Nidhi
25	19-510	G.UMA DEVI	G. Uma Devi
26	19-315	D.GEETHA	D. Geetha
27	19-511	D.VIJAYA LAKSHMI	D. Vijaya Lakshmi
28	19-316	D.J.N.V.A.BHAVANI	D.J.N.V.A. BHAVANI
29	19-318	K.RAMYA SRI	K. Ramya Sri
30	19-317	K.N.MOUNIKA	K.N. Mounika

B. A. Girany

**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 (2019-2020)

Class : I B.Sc (BZC)			18/6/19	15/6/19	18/6/19	20/6/19	21/6/19	22/6/19	25/6/19	Marks:15
Subject : Zoology										
Lecturer: DAK/MLP										
S.No	Roll no.	Name of the student	1	2	3	4	5	6	7	
1	19-301	Tampana Venkatesh	P	P	P	P	P	P	P	11
2	302	Jella Pavani	P	P	P	P	P	P	P	10
3	303	Kaketha. Srividya	P	P	P	P	P	P	P	12
4	304	Azempalli. Bhuvana	P	P	P	P	P	P	P	12
5	305	Gummadi. Kavitha	P	P	P	P	P	P	P	11
6	306	Azige. Revathi	P	P	P	P	P	P	P	11
7	307	Baddupalli. Lokeswari	P	P	P	P	P	P	P	11
8	308	Kruthiventi. N. Kavitha	P	P	P	P	P	P	P	10
9	309	Gunupuru. Sravani	P	P	P	P	P	P	P	9
10	310	Kodale Kavya.	P	P	P	P	P	P	P	12
11	311	Mandeti Meghana.	P	P	P	P	P	P	P	10
12	312	Gampdi Naga Aswini	P	P	P	P	P	P	P	11
13	313	Ketta Bhanu Prasad.	-	-	P	P	P	P	P	10
14	314	Tatlapati Durgakao	-	-	P	P	P	P	P	11
15	319	Tujjuvarapu Sandhya	P	P	P	P	P	P	P	11
16	19501	Done Manideepika.	P	P	P	P	P	P	P	12
17	502	Mullapudi Deepika.	P	P	P	P	P	P	P	10
18	503	Bandi. Naga Devi	P	P	P	P	P	P	P	12
19	504	N.T.V.N. Mahesh Babu	P	P	P	P	P	P	P	12
20	505	Azempalli Bindu Madhavi	P	P	P	P	P	P	P	13
21	506	Polthaboina Srinivas	-	-	P	P	P	P	P	11
22	507	Betala Kiran Deepthi	-	-	-	P	P	P	P	12
23	508	V.K.V. Varshitha	-	-	-	P	P	P	P	13
24	508	Parasa Divya Sundar Nikhi	-	-	-	P	P	P	P	13
25	510	Gullapudi. Umadevi	-	-	-	P	P	P	P	12
26	315	Dondupati Geetha	-	-	-	P	P	P	P	10
27	511	M. Vijayalakeshmi	-	-	-	P	P	P	P	11
28	316	J.N.V.A. Bhavani	-	-	-	-	P	P	P	10
29	317	K. Ramya Sri	-	-	-	-	P	P	P	11
30	317	K.M.ounpica.	-	-	-	-	P	P	P	13

Handwritten signatures and initials at the bottom of the page.

(i)

Roll No: 19-301

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

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2019-20)

Class: I B.Sc.

Name: J. Venkatesh

Max.Marks: 15

Date: 27/6/2019

Time: 1/2 hrs.

11  
15

Fill in the blanks with suitable answers.

1. Mitochondria is the power houses of the cell. ✓
2. Hemophilia is also known as Factor VIII deficiency. ✓
3. The detoxifying organ of the body is----- ✓
4. Gills are respiratory organs in fishes. ✓
5. Average life span of RBC----- 120 days. ✓
6. Open circulatory system is seen in Cockroach. ✓
7. ----- is the common name of paramecium. ✓
8. Father of Genetics----- George Mendel. ✓
9. Arthropoda is the largest phylum in the animal kingdom. ✓
10. The animal which is first cloned----- Dolly. ✓
11. Fasciola hepatica is present in----- Liver in sheep. ✓
12. Scientific name of the cobra----- ✓
13. Reservoir of the blood is spleen. ✓
14. Secondary body cavity is seen in----- ✓
15. IUCN has its head quarters at----- Switzerland. ✓

(2)

Roll No: 19-302

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

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2019-20)

Class: I B.Sc.

Name: J. Pavan

Max. Marks: 15

Date: 27/6/2019

Time: 1/2 hrs.

10  
15

Fill in the blanks with suitable answers.

1. ~~MP. Lechondria~~ is the power houses of the cell.
2. Hemophilia is also known as Factor VIII deficiency
3. The detoxifying organ of the body is kidney
4. Skin are respiratory organs in fishes.
5. Average life span of RBC 120 days
6. Open circulatory system is seen in Cockroach
7. Paramecium is the common name of paramecium.
8. Father of Genetics Mendel
9. Protozoa is the largest phylum in the animal kingdom.
10. The animal which is first cloned Dolly
11. Fasciola hepatica is present in Liver in sheep
12. Scientific name of the cobra Burhis vaiper
13. Reservoir of the blood is spleen
14. Secondary body cavity is seen in annelids
15. IUCN has its head quarters at Switzer Land



(3)

Roll NO : 19-303

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

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2019-20)

Class: I B.Sc.

Name: K. Srividya

Max.Marks: 15

Date: 29/6

Time: 1/2 hrs.

$\frac{12}{15}$

Fill in the blanks with suitable answers.

1. ~~mitochondria~~ is the power houses of the cell.
2. Hemophilia is also known as-----
3. The detoxifying organ of the body is ~~kidney~~.
4. ~~gills~~ are respiratory organs in fishes.
5. Average life span of RBC----- ~~120 days~~.
6. Open circulatory system is seen in ~~Cockroach~~.
7. ~~Slipper shaped~~ is the common name of paramecium.
8. Father of Genetics----- ~~mendel~~.
9. ~~Arthropoda~~ is the largest phylum in the animal kingdom.
10. The animal which is first cloned----- ~~Dolly~~.
11. Fasciola hepatica is present in ~~intestine~~.
12. Scientific name of the cobra----- ~~Naja Naja~~.
13. Reservoir of the blood is ~~heart~~.
14. Secondary body cavity is seen in ~~Cealocemates~~.
15. IUCN has its head quarters at ~~Switzerland~~.

(4)

Roll no: 19-304

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

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2019-20)

Class: I B.Sc.

Name: A. Bhurud

Max.Marks: 15

Date: 27/6/2019.

Time: 1/2 hrs.

12  
15

Fill in the blanks with suitable answers.

1. Mitochondria is the power houses of the cell. ✓
2. Hemophilia is also known as Factor VIII deficiency. ✓
3. The detoxifying organ of the body is----- ✗
4. Gills are respiratory organs in fishes. ✓
5. Average life span of RBC----- 120----- ✓
6. Open circulatory system is seen in Cockroach. ✓
7. ----- is the common name of paramecium. ✗
8. Father of Genetics----- Mendel. ✓
9. ----- is the largest phylum in the animal kingdom. ✗
10. The animal which is first cloned-- Dolly. ✓
11. Fasciola hepatica is present in----- Liver in sheep. ✓
12. Scientific name of the cobra----- Naga Naga. ✓
13. Reservoir of the blood is ----- Spleen. ✓
14. Secondary body cavity is seen in----- Ceolomates. ✓
15. IUCN has its head quarters at ----- Switzerland. ✓

(3)

Roll No: 19-305

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

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2019-20)

Class: I B.Sc.

Name: G. Kavitha Sri

Max.Marks: 15

11  
15

Date: 27/6/2019

Time: 1/2 hrs.

Fill in the blanks with suitable answers.

1. Mitochondria is the power houses of the cell. ✓
2. Hemophilia is also known as Factor VIII deficiency. ✓
3. The detoxifying organ of the body is Kidney. ✓
4. Skin are respiratory organs in fishes. ✓
5. Average life span of RBC 120. ✓
6. Open circulatory system is seen in Cockroach. ✓
7. \_\_\_\_\_ is the common name of paramecium. ✗
8. Father of Genetics Mendel. ✓
9. ~~Arthropoda~~ Chordata is the largest phylum in the animal kingdom. ✓
10. The animal which is first cloned Dolly. ✓
11. Fasciola hepatica is present in Liver in sheep. ✓
12. Scientific name of the cobra \_\_\_\_\_ ✗
13. Reservoir of the blood is Spleen. ✓
14. Secondary body cavity is seen in Coelomates. ✓
15. IUCN has its head quarters at Switzerland. ✓