

# 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

ISO 9001:2015 Certified Institution



**Internal Quality Assurance Cell (IQAC)**

**Bridge Course**

Department	:	<u>BOTANY</u>
Academic year	:	2020- 21
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 stoke. So to revise, update and groom students with basics in Theory and Practicals.

#### **OBJECTIVE:**

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

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

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

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

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Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course**

**Student Enrolment Sheet**

Class : I BZC

S. No	Roll No.	Name of the Student	Signature
1	2042901	P. Kumar Uvani	P. Kumar Uvani
2	2042902	Bk. b. b. Ayesha	Bk. b. b. Ayesha
3	2042903	T. Srujini	T. Srujini
4	2042904	P. Sravanthi	P. Sravanthi
5	2042905	Ab Kalam	Ab Kalam
6	2042906	V. Ravi Teja	V. Ravi Teja
7	2042907	B. prasanthi Kumari	B. prasanthi
8	2042908	ch. rajesh	c. h. Rajesh
9	2042909	N. c. t. s. swamy	N. c. t. s. Swamy
10	2042910	m. Vineela	m. Vineela
11	2042911	K. Ratna Sri	K. Ratna Sri.
12	2042912	K. Rachana	K. Rachana
13	2042913	K. Deepika.	K. Deepika.
14	2042914	G. Prathyusha	G. Prathyusha
15	2042915	P. Beulah	P. Beulah.

C. B. Rajani

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class: P BZC, ABC

S. No	Roll No.	Name of the Student	Signature
116	916	Ch. Deepika	Ch. Deepika
217	917	G. Akanksha valli	G. Akanksha valli
318	2042918 N. Shainy	N. Shainy	N. Shainy
419	2042919	A. Junil	A. Junil
520	920	K. Vennela	K. Vennela
621	2042921	V. Mano Pavan sai.	V. Mano Pavan sai.
722	922	K. Bhas Kar.	K. Bhas Kar.
823	-	-	-
924	924	M. Rose maneesha	M. Rose maneesha
1025	2042925	P. Rajesh	P. Rajesh.
1126	-	-	-
1227	2042927	I. surya	I. surya
1328	2042928	M. Likhitha	M. Likhitha
14			
15			

# 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	301	CHANDRIKA	Chandrika
2	302	B. NagaRaju	B. Nagaraju
3	303	B.Krishna Nayak	B. KRISHNA NAYAK.
4	304	J.Akanksha	J. Akanksha.
5	305	A.Shamili	A. Shamili.
6	306	N.Alekhya	N. Alekha.
7	307	M.Amulya	M. Amulya.
8	309	B.Kranthi	B. Kranthi
9	310	P.Mohana mani kanta	P. Mohana mani kanta.
10	311	K.Ratna Sagar	K. Ratna Sagar
11	312	B.Gopi Nayak	B. Gopi Nayak.
12	313	P.Durga Vara Prasad	P. Durga Vara Prasad.
13	314	V.Siddhardha	V. SIDDHARHA.
14	501	B.RajKumar	B. Raj kumar
15	502	Farzana Begum	Farzana Begum
16	503	K.kanthi Priya	K. Kanthi priya
17	504	P.Gayathri	P. Gayathri

C. B. Rajani

18	505	P.Mounika	P. Mounika.
19	506	CH.Venkata Lakshmi	Ch. Venkata Lakshmi.
20	507	R.Komali	R. Komali.
21	508	Md.Asha	Md. Asha.
22	509	Abdul Suleman	Abdul Suleman.
23	510	E.Sujika Sathvikar	E. Sujika Sathvikar.
24	511	Sharmila Begum	Sharmila Begum.
25	513	V.Sanjana	V. Sanjana.
26	514	Sk.Apsarunnisa	Sk. Apsarunnisa.
27	515	P.Harika	P. Harika.
28	517	G.Pavani	G. Pavani.

CH. Beulah Rajani  
DEPARTMENT OF BOTANY  
A.G. & S.G. Siddhartha Arts & Science  
Degree College, VUYYURU-521 158

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course - Attendance Register**

Class / Section: IBZC (E.M,T.M) Year: 2020 -21 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	301	CHANDRIKA		P	A	P	P	P	P	P	P	P	A	P	P	P	P	P						
2	302	B. NagaRaju		P	P	P	A	P	P	P	P	P	P	P	P	P	P	A						
3	303	B.Krishna Nayak		P	P	P	P	P	A	P	P	P	P	P	P	P	P	P						
4	304	J.Akanksha		P	P	P	P	P	P	P	A	P	P	P	P	P	A							
5	305	A.Shamili		P	P	P	P	P	P	P	P	P	A	P	P	P	P							
6	306	N.Alekhya		P	P	P	P	P	A	P	P	P	P	P	P	P	A							
7	307	M.Amulya		P	P	P	P	P	P	P	P	A	P	P	P	P	P							
8	309	B.Kranthi		P	P	P	P	P	P	A	P	P	P	P	P	P	P							
9	310	P.Mohana mani kanta		P	P	P	P	P	P	P	P	P	A	P	P	P	A							
10	311	K.Ratna Sagar		P	P	P	P	A	P	P	P	P	P	P	P	P	P							
11	312	B.Gopi Nayak		P	P	P	A	P	P	P	P	P	P	P	P	P	A							
12	313	P.Durga Vara Prasad		P	P	P	P	P	P	A	P	P	P	P	P	P	P							
13	314	V.Siddhardha		P	P	P	P	P	P	P	P	P	P	A	P	P	A							
	501	B.RajKumar		P	P	P	P	P	A	P	P	P	P	P	P	P	P							



14	502	Fauzana Begum	P	A	P	A	P	P	P	P	P	P	P	P	P	P						
15	503	K.kanthi Priya	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A					
16	504	P.Gayathri	P	P	P	P	P	P	A	P	P	P	P	P	P	P						
17	505	P.Mounika	P	P	P	A	P	P	P	P	P	A	P	P	P	P						
18	506	CH.Venkata Lakshmi	P	P	P	P	P	A	P	P	P	P	P	P	P	A						
19	507	R.Komali	P	P	P	P	P	P	P	P	P	A	P	P	P	A						
20	508	Md.Asha	P	P	P	P	A	P	P	P	P	P	P	P	P	P						
21	509	Abdul Suleman	P	P	P	P	P	P	P	P	P	P	P	A	P	P						
22	510	E.Sujika Sathvikar	P	P	P	P	P	P	A	P	P	P	P	P	P	P						
23	511	Sharmila Begum	P	P	P	P	P	A	P	P	P	P	A	P	P	P						
24	513	V.Sanjana	P	P	P	P	P	P	P	A	P	P	P	P	P	P						
25	514	Sk.Apsarunnisa	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
26	515	P.Harika	P	P	P	P	P	A	P	P	P	P	P	P	P	P						
27	517	G.Pavani	P	P	P	P	P	P	P	P	P	P	A	P	P	P						
28	518	V.Dakshayani	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
29	901	P.KUMARA SWAMI	P	P	P	P	P	A	P	P	P	P	P	P	P	P						
30	902	SK.BIBI AYESHA	P	P	P	P	P	P	P	A	P	P	P	P	P	P						
31	903	T.SRUJINI	P	P	P	P	P	P	P	P	P	A	P	P	P	P						
32	904	P.SRAVANTHI	P	P	P	P	P	P	A	P	P	P	P	P	P	P						
33	905	AB.KALAM	P	P	P	P	P	P	P	P	P	A	P	P	P	P						

34	906	V.RAVI TEJA	P	A	P	P	P	P	P	A	P	P	P	P	P				
35	907	B.PRASNTHI KUMAI	P	P	P	P	P	P	P	P	P	A	P	P	P				
36	908	CH.RAJESH	P	P	P	P	P	P	A	P	P	P	P	P	P				
37	909	NCTS .SWAMI	P	P	P	A	P	P	P	P	P	P	P	P	P				
38	910	M.VINEELA	P	P	P	P	P	P	P	P	A	P	P	P	P				
39	911	K.RATNA SRI	P	P	P	P	P	A	P	P	P	P	P	P	P				
40	912	K.RACHANA	P	P	P	P	P	P	P	P	P	P	A	P	P				
41	913	K.DEEPIKA	P	P	P	P	P	P	A	P	P	P	P	P	P				
42	914	G.PRATHUSHA	P	P	P	P	P	P	P	A	P	P	P	P	P				
43	915	CH.BEULAH	P	P	P	P	P	A	P	P	P	P	P	P	P				
44	916	CH.DEEPIKA	P	P	P	P	P	P	P	A	P	P	P	P	P				
45	917	A.AKANSHAVALLI	P	P	P	P	A	P	P	P	P	P	P	P	P				
46	918	N.SHINY	P	P	P	P	P	P	P	P	P	P	A	P	P				
47	919	A.SUNIL	P	P	P	P	P	P	P	P	A	P	P	P	P				
48	920	K.VINEELA	P	P	P	P	P	P	A	P	P	P	P	P	P				
49	921	V.MANO PAVAN SAI	P	P	P	P	P	P	P	P	A	P	P	P	P				
50	922	K.BHASKAR	P	P	P	P	A	P	P	P	P	P	P	P	P				
51	924	M.ROSE MANEESHA	P	P	P	P	P	P	P	A	P	P	P	P	P				
52	925	P.RAJESH	P	P	P	P	P	A	P	P	P	P	P	P	P				
53	926	I SURYA	P	P	P	P	P	P	P	P	A	P	P	P	P				
54	927	M.LIKHITHA	P	P	P	P	P	P	A	P	P	P	P	P	P				

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

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

DEPARTMENT OF BOTANY

Bridge Course

Student Name: M. Amulya

Roll No: 2041307

Class: I B2C

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1. Flowers with both androecium and gynoecium are called

1. Bisexual flowers

2. Anther

3. Stamens

4. Unisexual flowers

2. The transfer of pollen from the anther to stigma is called

1. Pollination

2. Fertilization

3. Adoption

4. Diffusion

3. The fusion of female reproductive nucleus with the male reproductive nucleus is known as

1. Adoption

2. Excretion

3. Fertilization

4. Regeneration

4. The two nuclei at the end of the pollen tube are called

1. Tube nucleus and a generative nucleus

2. Sperm and ovum

3. Generative nucleus and stigma

4. Tube nucleus and sperm

5. Generative nucleus divides forming

1. 2 male nuclei

2. 3 male nuclei

3. 2 female nuclei

4. 3 female nuclei

6. Embryo sac is located inside the

1. Stigma
2.  Ovule
3. Micropyle
4. Style

7. One nucleus of the pollen tube and secondary nucleus of the ovum grow into

1. Stigma
2.  Endosperm
3. Anther
4. Stamen

8. The stalk of Datura flower at its base is known as

1.  Pedicel
2. Corolla
3. Sepals
4. Thalamus

9. The male reproductive parts of a flower, the stamens, are collectively known as

1.  Androecium
2. Filament
3. Anther
4. Gynoecium

10. The other name for gynoecium is

1.  Pistil
2. Stigma
3. Androecium
4. Style

Student Name: G. Purni

Roll No: 2041577

Class: D B.Z.C (en)

10  
10

1. Flowers with both androecium and gynoecium are called

1. Bisexual flowers

2. Anther

3. Stamens

4. Unisexual flowers

2. The transfer of pollen from the anther to stigma is called

1. Pollination

2. Fertilization

3. Adoption

4. Diffusion

3. The fusion of female reproductive nucleus with the male reproductive nucleus is known as

1. Adoption

2. Excretion

3. Fertilization

4. Regeneration

4. The two nuclei at the end of the pollen tube are called

1. Tube nucleus and a generative nucleus

2. Sperm and ovum

3. Generative nucleus and stigma

4. Tube nucleus and sperm

5. Generative nucleus divides forming

1. 2 male nuclei

2. 3 male nuclei

3. 2 female nuclei

4. 3 female nuclei

6. Embryo sac is located inside the

1. Stigma
2.  Ovule
3. Micropyle
4. Style

7. One nucleus of the pollen tube and secondary nucleus of the ovum grow into

1. Stigma
2.  Endosperm
3. Anther
4. Stamen

8. The stalk of Datura flower at its base is known as

1.  Pedicel
2. Corolla
3. Sepals
4. Thalamus

9. The male reproductive parts of a flower, the stamens, are collectively known as

1.  Androecium
2. Filament
3. Anther
4. Gynoecium

10. The other name for gynoecium is

1.  Pistil
2. Stigma
3. Androecium
4. Style



Student Name: Sk. Bibi. Ayesha Roll No: 20-902

Class: 1st BSC.

Aquaculture

1. Flowers with both androecium and gynoecium are called

1. Bisexual flowers

2. Anther

3. Stamens

4. Unisexual flowers

2. The transfer of pollen from the anther to stigma is called

1. Pollination

2. Fertilization

3. Adoption

4. Diffusion

3. The fusion of female reproductive nucleus with the male reproductive nucleus is known as

1. Adoption

2. Excretion

3. Fertilization

4. Regeneration

4. The two nuclei at the end of the pollen tube are called

1. Tube nucleus and a generative nucleus

2. Sperm and ovum

3. Generative nucleus and stigma

4. Tube nucleus and sperm

5. Generative nucleus divides forming

1. 2 male nuclei

2. 3 male nuclei

3. 2 female nuclei

4. 3 female nuclei

6. Embryo sac is located inside the

1. Stigma
2. Ovule
3. Micropyle
4. Style

7. One nucleus of the pollen tube and secondary nucleus of the ovum grow into

1. Stigma
2. Endosperm
3. Anther
4. Stamen

8. The stalk of Datura flower at its base is known as

1. Pedicel
2. Corolla
3. Sepals
4. Thalamus

9. The male reproductive parts of a flower, the stamens, are collectively known as

1. Androecium
2. Filament
3. Anther
4. Gynoecium

10. The other name for gynoecium is

1. Pistil
2. Stigma
3. Androecium
4. Style



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## Internal Quality Assurance Cell (IQAC)

### Bridge Course

Department : Pg chemistry

Academic year : 2020 -21

Semester : I

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

**Bridge Course Student Enrolment Sheet**

Class : Hsc (Chemistry)

2020-21

S. No	Roll No.	Name of the Student	Signature
1	2171101	M. Radhika.	M. Radhika.
2	102	MaFeenumea.	MaFeenumea.
3	103	B. Kupa.	Kupa.B.
4	104	S. Anantha Susobh. Devi	Anantha Devi.
5	105	K. Gowtham	K. Gowtham
6	106	K. yedukondale	K. yedukondale.
7	107	J. V. Sai Priya.	J.V Sai Priya.
8	108	S. Naga Haleswara Rao	S. Naga Haleswara Rao
9	109	J. Moonika.	J. Moonika.
10	110	K. Manasa.	K. Manasa.
11	111	D. C. V. Manikanta.	D. C. V. Manikanta.
12	112	P. Kalpana.	P. Kalpana.
13	113	K. Naga. Srilakshmi	K. Naga. Srilakshmi.
14	114	N. Puslapatri	N. Puslapatri
15	115	V. Bhargava.	V. Bhargava
16	116	T. Hareesh,	T. Hareesh.
17	117	N. Tharuni	N. Tharuni

18	119	K. Nikitha.	K. Nikitha.
19	120	V. Adhinarayan.	V. Adhinarayan
20	121	B. Hemantli Naga Raja.	B. Hemantli Naga Raja
21	122	N. V. dileep Kumar	N. V. dileep Kumar
22	124	13. Pandu Ranga Rao.	B. Pandu Ranga Rao
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V. N. V. kishore.

V. N. V. kishore  
 Head, P.G. Department of Chemistry  
 A.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 - Attendance Register**

Class / Section: Msc (Chemistry) Year : 2020-21 Department of: PG Chemistry Paper: Organic Lecturer: V-N-V Kishore

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	111	M. Radhika.	BC	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	18
2	102	N.A. Janurisa.	OC	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	17
3	103	B. Krupa	SC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
4	104	S. Anantha Sashib-Dvi	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
5	105	K. Gowtham	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
6	106	K. yedukondalu	BC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
7	107	J. V. Sai Priya.	BC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
8	108	S. Nagar Halla Rao Rao	SC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
9	109	J. Manjira	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
10	110	B. Manasa	BC	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	19
11	111	D. C. V. Manikanta.	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
12	113	P. Kalpana	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
13	114	K. Naga Sri Lakshmi	BC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
14	115	N. prakasni	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
15	116	V. Bhargava	SC	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	19
16	117	T. Hareesh	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
17	118	N. Tharuni	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	18

18	119	K. Nikitha.	Sc	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	19	
19	120	V. Adhirayana	Bc	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	19
20	121	B. Hemanth. Naga Raja.	Sc	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	19
21	122	N.v. dileep Kumar	Bc	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	19
22	123	B. pandu Ranga Rao	Bc	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	19	
23																							
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29																							
30																							
31																							
32																							
33																							

V. nu kishore

Head, P.G. Department of Chemistry  
 A.G. & S.G. Siddhartha College of Arts & Science  
 VUYYURU-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: 2020-2021

Test Exercise:

- In gas chromatography the fixed phase consists of a solid material such as..
  - Alumina
  - Carbon
  - Granular silica
  - All
- The supports useful in TLC are
  - Silica gel
  - Cellulose
  - Alumina
  - Diatomaceous earth
  - All
- In the first transition series the incoming electron enters?
  - 5 d- orbital
  - 4 d- orbital
  - 3 d - orbital
  - 2 d-orbital
- Maximum magnetic activity is shown by metals with?
  - 5 unpaired electrons
  - 4 unpaired electrons
  - 6 unpaired electrons
  - All are equal
- Which of the following does not react with methane in a free radical substitution reaction
  - F
  - Cl
  - Br
  - I
- The combustion of pentane produces
  - Carbondioxide+water
  - Hydrogen +carbon
  - Pentene+ hydrogen
  - Pentyne
- Octane number is related to
  - Lubricating oil
  - Break oil
  - Gasoline
  - Diesel oil
- During the electrolysis of electrolyte solutions reduction takes place at
  - Anode

- b. Cathode
  - c. anyone of the above
  - d. none
9. The cell in which chemical energy is converted into electrical energy is called
- a. Galvanic cell
  - b. electrochemical cell
  - c. voltaic cell
  - d. all the above
10. In a galvanic cell which statement regarding the anode is not correct
- a. Anode carries positive charge
  - b. oxidation takes place at anode
  - c. anode is a negative electrode
  - d. metal acting as active anode dissolves analytically



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

**Bridge Course: 2020-2021**

**Key:**

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

10  
10

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- Octane number is related to  
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b. Break oil  
~~c. Gasoline~~  
d. Diesel oil
- During the electrolysis of electrolyte solutions reduction takes place at  
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- ~~b.~~ Cathode
  - c. anyone of the above
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## **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

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

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade



### **DEPARTMENT OF Chemistry**

### **Bridge Course**

**2020-2021**

Name of the Lecturer	:	M.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. Ionicequilibrium</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. deAtkin's Physical Chemistry Ed., Oxford University Press



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

NAME :

CLASS :

ROLL NO :

**BRIDGE COURSE QUESTION PAPER-2020-21**

- 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) Tl      ~~b) Si~~      c) O      d) H
- Borazine resembles in structure is  
 a) Ethane      ~~b) Benzene~~      c) Ethylene      d) Graphite
- The hybridization of 'B' in Borazine is  
 a) Sp      ~~b) Sp<sup>2</sup>~~      c) Sp<sup>3</sup>      d) SP<sup>3</sup>d
- Write the borazine formula-----  
 a) ~~B<sub>3</sub>N<sub>3</sub>H<sub>6</sub>~~      b) B<sub>2</sub>H<sub>6</sub>      c) BN      d) BF<sub>3</sub>
- Silicones shows mostly -----Valence  
 a) ~~Tetra~~      b) Tri      c) Hexa      d) Penta
- Group-15 elements is also called as -----family.  
 a) Si      ~~b) N~~      c) O      d) B
- Silicones are prepared by  
 a) Silicon halides      ~~b) Alkylated silicon halide~~      c) alkylated Silane      d) HCl
- Group-16 elements is also called as-----family.  
 a) B      b) C      c) N      ~~d) O~~
- The reluctance of the ns<sup>2</sup> electrons in bond formation is called-----  
 a) Covalent bond      b) Ionic bond      ~~c) Inert pair effect~~      d) None
- Silicones are compounds of silicon and -----linkage  
 a) Hydrogen      ~~b) Oxygen~~      c) Carbon      d) Nitrogen
- Group-17 elements is also called as-----family.  
 a) ~~Halogens~~      b) Chalcogens      c) Silanes      d) None
- The maximum covalency exhibited by sulphur is-----  
 a) 3      b) 4      ~~c) 6~~      d) 8
- Write the electronic configuration of Boron atom is -----  
 a) ~~1s<sup>2</sup>2s<sup>2</sup>2p<sup>1</sup>~~      b) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>2</sup>      c) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>3</sup>      d) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>4</sup>

15. Which is likely to form interhalogens of AX<sub>7</sub> type-----

- a) ~~IF<sub>7</sub>~~      b) IBr      c) ClF<sub>3</sub>      d) BrF<sub>3</sub>

16. Which of these incorrect interhalogen compounds-----

- a) AX<sub>1</sub>      b) ~~AX<sub>2</sub>~~      c) AX<sub>3</sub>      d) AX<sub>5</sub>

17. Write the electronic configuration of Nitrogen atom is -----

- a) 1S<sup>2</sup>2S<sup>2</sup>2P<sup>1</sup>      b) 1S<sup>2</sup>2S<sup>2</sup>2P<sup>2</sup>      c) ~~1S<sup>2</sup>2S<sup>2</sup>2P<sup>3</sup>~~      d) 1S<sup>2</sup>2S<sup>2</sup>2P<sup>4</sup>

18. Write the Bragg's equation is-----

- a)  ~~$n\lambda = 2d \sin\theta$~~       b)  $n\lambda = 2 \sin\theta$       c)  $n\lambda = \sin\theta$       d)  $n = 2d \sin\theta$

19. The total no. of Bravais lattice of crystals is-----

- a) 12      b) 3      c) ~~14~~      d) 6

20) The total no. of symmetry elements of cubic crystal is-----

- a) 12      b) ~~23~~      c) 14      d) 6

21. The crystals are classified into -----types.

- a) 6      b) 14      c) 12      d) ~~7~~

22. The different types of Symmetry in present in the cubic crystals are -----

- a) axis & centre      b) plane & centre      c) ~~Centre, Plane & Axis~~      d) axis of symmetry

23. The arrangement of atoms in three dimensional spaces is called-----

- a) ~~Space lattice~~      b) Unit cell      c) Lattice point      d) None

24. Each atom of the space lattice is called-----

- a) Space lattice      b) ~~Lattice point~~      c) Unit cell      d) None

25. The smallest repeating unit of the space lattice is called-----

- a) Space lattice      b) Lattice point      c) ~~Unit cell~~      d) None

26. How many types liquid crystals -----

- a) 5      b) 3      c) 4      d) ~~2~~

27. The flow of smectic liquid crystals is ----- in nature

- a) London forces      b) ~~Non-Newtonian~~      c) Vanderwaal's forces      d) Newtonian

28. The shape of Smectic liquid crystals are -----like structure

- a) Layer      b) Thread      c) ~~Soap~~      d) None

29. The shape of Nematic liquid crystals are-----like structure

- a) ~~Diamond~~      b) ~~Graphite~~      c) ~~Coal~~      d) ~~Charcoal~~  
layer      Thread      Soap      None

30. Organosilicon polymers containing which type of linkages-----

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





# I Bsc. MPC [E]

Roll No	Name of the Student	1/2	4/2	6/2	8/2	11/2	13/2	16/2	18/2	20/2	22/2	Marks
20401	R. Nandhini	P	P	P	P	P	P	P	P	P	P	22
20402	G. Bala Anandesh	P	P	P	P	P	A	P	P	P	A	ab
20403	K. Sudheer	P	A	P	P	P	P	P	P	P	P	23
20404	V. Supriya	P	P	P	P	P	P	P	P	P	P	25
20405	K. Kalpana	P	P	P	P	P	P	P	P	P	P	23
20406	C. Lakshmi poornima	P	A	P	P	P	P	P	P	P	P	21
20407	M. Maheswari	P	A	A	P	P	P	P	P	P	P	13
20408	T. Vasila Lakshmi	P	P	P	A	P	P	P	P	P	P	21
20409	E. Alekshya	P	P	P	P	P	P	P	P	P	P	27
20410	J. priyanka	P	P	P	P	P	P	P	P	P	P	25
20411	K. Bhargavi	P	P	P	P	P	P	P	P	P	P	28
20412	S. Naziya Suthana	A	P	P	P	P	P	P	P	P	P	21
20413	M. Akhil	P	P	P	P	P	P	P	P	P	P	25
20414	N. Pavan Sai	P	P	P	P	P	A	P	P	P	P	20
20415	T. Manoj Kumar	A	P	P	P	P	P	P	P	P	P	18
20416	V. Arjun	P	P	P	P	P	P	P	P	P	P	25
20417	V. Jyothi	P	P	P	P	P	P	P	P	P	P	23
20418	G. Gopala Krishana	P	P	P	P	P	P	P	P	P	P	23
20419	P. Srihitha	P	P	A	P	P	P	P	P	P	P	21
20420	H. Rathna Reethika	P	P	P	P	P	P	P	P	P	P	30
20421	P. Venkata tarun Kumar	P	P	P	P	P	P	P	P	P	P	23
20422	K. Supriya	P	P	P	P	P	P	P	P	P	P	26
20423	Syed Maimunnisa	P	P	P	P	P	P	P	P	P	P	25
20424	B. Srikala	P	P	P	P	P	P	P	P	P	P	27
20425	G. maneesha	P	P	P	P	P	P	P	P	P	P	30
20426	K. Venkata Rohit	P	P	A	P	P	P	P	P	P	A	ab
20427	V. poorna Chandria	P	P	A	P	P	P	P	P	P	P	22
20428	N. tarun	P	P	P	A	P	P	P	P	P	A	ab

# I B2C (E)

50

Roll NO	Name of the student	1	2	3	4	5	6	7	8	9	10	Marks
20501	B. Raj kumar	P	P	P	P	P	P	P	P	P	P	25
20502	Farzana Begum	P	P	P	P	P	P	P	P	P	P	23
20503	K. Kanthi priya	P	P	A	P	P	P	P	P	P	P	15
20504	P. Gayathri	P	P	P	P	P	P	P	P	P	P	21
20505	P. Mounika	P	P	P	P	P	P	P	P	P	P	26
20506	C. Venkata lakshmi	P	P	P	P	P	P	P	P	P	P	29
20507	R. Komali	P	P	A	P	P	P	P	P	A	P	20
20508	Mohammad Asha	P	P	P	P	P	A	P	P	P	P	21
20509	Abdul Suleman	P	P	P	P	P	P	P	P	P	P	27
20510	E. Sujka Sathivikar	P	P	P	P	P	P	P	P	P	P	25
20511	Sharmila Begum	P	P	P	P	P	P	P	P	P	P	26
20512	Apsana Begum	P	P	P	P	P	P	P	P	P	P	26
20513	V. Sanjana	P	P	P	A	P	P	P	P	P	P	21
20514	Shaik. Apsarunnisa	P	P	P	P	P	P	A	P	P	P	17
20515	P. Harika	P	P	P	P	P	P	P	P	P	P	19
20516	V. Sowmya	P	P	P	P	P	P	P	P	P	P	20
20517	G. pavani	P	P	P	P	P	P	P	P	P	P	21
20518	V. Dakshayani	P	P	P	A	P	P	P	P	P	P	27
20519	G. madhusri	A	A	A	A	P	P	P	P	P	P	16



# I MCC8

52

4/2 6/2 8/2 9/2 11/2 13/2 15/2 16/2 18/2 20/2

<u>Roll No</u>	<u>Name of the student</u>	1	2	3	4	5	6	7	8	9	10	<u>Marks</u>
20731	G. Naga Sridisha	P	P	P	P	P	P	P	P	P	P	16
20732	K. Bhasigavi	P	P	P	P	P	P	P	P	P	P	26
20733	B. Naga Lakshmi	P	P	P	P	P	P	P	P	P	P	22
20734	N. Vujwala	P	A	A	P	P	P	A	P	P	P	19
20735	R. Bhavana	P	P	P	P	P	P	P	P	P	P	19
20736	D. Durga-Anjaneyulu	P	P	P	P	P	P	P	P	P	P	25
20737	K. Tulasi Ram	P	P	P	P	P	P	P	P	P	P	23
20738	R. Satheesh	P	P	P	P	P	A	P	P	A	P	21
20739	K. Siva Naga pavani	P	P	P	P	P	P	P	P	P	P	20
20740	P. Jyothirmmai	P	P	P	P	P	P	P	P	P	P	19
20741	G. Prasanna Sai	P	P	P	P	P	P	P	P	P	P	25
20742	A. Madhu Baby	P	A	P	P	A	P	P	P	P	P	16
20743	Sheik Ayesha	P	P	P	P	P	P	P	P	P	P	25
20744	Mohammadshaida mansuri	P	P	A	P	P	A	P	P	P	P	26
20745	A. Sai Varshnavi	P	P	P	P	P	P	P	P	P	P	28
20746	M. Tejaswi	P	P	P	P	P	P	P	P	P	P	27
20747	N. Vinodh Babu	P	P	A	P	P	P	P	P	P	P	21
20748	B. Abhilasha	P	P	P	P	P	P	A	P	P	P	22
20749	E. pavan kumar	P	A	P	P	A	P	P	P	P	A	23
20750	K. manoj kumar	A	P	P	A	P	P	P	P	P	P	ab



# I Aqua

Roll No	Name of the student	3/2	5/2	8/2	10/2	12/2	14/2	16/2	18/2	20/2	22/2	24/2	26/2	marks
		1	2	3	4	5	6	7	8	9	10			
20901	P. Kumar Swamy	P	P	P	P	P	P	P	A	P	P			23
20902	Shaik Bibi Ayesha	P	P	P	P	P	P	P	P	P	P			27
20903	T. Sujani	P	A	P	P	P	A	P	P	P	P			20
20904	P. Sriavanthi	P	P	P	P	P	P	P	P	P	P			25
20905	Abdul kalam	P	A	P	P	A	P	P	P	A	P			17
20906	V. Ravi teja	A	P	P	P	A	P	P	P	P	P			20
20907	B. prasanthha Kumari	P	P	P	P	P	A	P	P	P	P			23
20908	C. Rajesh	P	A	P	P	A	P	P	P	P	P			ab
20909	N. tiru Satya Swamy	P	P	P	P	P	P	P	A	P	P			20
20910	M. vineela	P	P	P	A	P	P	A	P	P	P			ab
20911	K. Ratna Sri	P	P	P	P	P	A	P	P	P	P			21
20912	K. Rachana	P	P	P	P	P	A	P	P	P	P			18
20913	K. Deepika	P	P	P	P	P	P	P	P	P	P			26
20914	G. prathyusha	P	P	A	A	P	P	P	P	P	A			ab
20915	P. Beulah	P	P	P	P	P	P	P	P	P	P			27
20916	C. Deepika	P	P	P	P	P	P	P	P	P	P			28
20917	G. Akanksha Valli	P	P	P	P	P	P	P	P	P	A			ab
20918	N. Shainy	P	P	P	P	A	P	P	P	P	P			23
20919	A. Sunil	P	P	P	P	P	P	P	A	A	P			12
20920	K. vennela	P	P	P	P	P	P	P	P	P	P			23
20921	V. mano pavan Sai	P	P	P	P	P	P	P	P	P	P			27
20922	K. Bhaskari	P	P	P	A	P	P	P	P	P	P			20
20923	V. Sriavya	P	P	P	P	P	P	P	P	P	A			ab
20924	M. Rose Maneesha	P	P	P	P	P	A	P	P	P	P			20
20925	P. Rajesh	P	P	P	A	P	A	P	P	P	P			13
20926	V. Mounica	P	P	P	P	P	P	P	P	P	P			29
20927	T. Susiya	P	P	P	P	A	P	P	P	P	P			15
20928	M. Wilkitha	P	P	P	P	P	P	P	P	P	P			21
20929	V. Swarna Kumari	P	A	P	P	A	P	P	A	P	P			ab

NO. of students on rolls - 170

NO. of students appeared - 149

NO. of students passed - 147

NO. of students failed - 02

Pass percentage - 98%

Signature of Lecturer

1. M. Sautliq

2. P. Surekh

A. Indira  
Signature of H.O.D

*Praveen*  
Signature of Principal

170  
170

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

NAME : A. Tejaswini

CLASS : 1<sup>st</sup> BSc (HPC)

ROLL NO : 201.

**BRIDGE COURSE QUESTION PAPER-2020-21**

1. Which element is present in the 13-group elements  
a) H      b) O      c) B      d) C      [a] ✓
2. Which element is present in the 14-group elements  
a) Ti      b) Si      c) O      d) H      [b] ✓
3. Borazine resembles in structure is  
a) Ethane      b) Benzene      c) Ethylene      d) Graphite      [b] ✓
4. The hybridization of 'B' in Borazine is  
a) Sp      b) Sp<sup>2</sup>      c) Sp<sup>3</sup>      d) SP<sup>3</sup>d      [c] ✓
5. Write the borazine formula-----  
a) B<sub>3</sub>N<sub>3</sub>H<sub>6</sub>      b) B<sub>2</sub>H<sub>6</sub>      c) BN      d) BF<sub>3</sub>      [a] ✓
6. Silicones shows mostly -----Valence  
a) Tetra      b) Tri      c) Hexa      d) Penta      [a] ✓
7. Group-15 elements is also called as -----family.  
a) Si      b) N      c) O      d) B      [b] ✓
8. Silicones are prepared by  
a) Silicon halides      b) Alkylated silicon halide      c) alkylated Silane      d) HCl      [d] ✓
9. Group-16 elements is also called as -----family.  
a) B      b) C      c) N      d) O      [d] ✓
10. The reluctance of the ns<sup>2</sup> electrons in bond formation is called-----  
a) Covalent bond      b) Ionic bond      c) Inert pair effect      d) None      [c] ✓
11. Silicones are compounds of silicon and -----linkage  
a) Hydrogen      b) Oxygen      c) Carbon      d) Nitrogen      [b] ✓
12. Group-17 elements is also called as -----family.  
a) Halogens      b) Chalcogens      c) Silanes      d) None      [c] ✓
13. The maximum covalency exhibited by sulphur is-----  
a) 3      b) 4      c) 6      d) 8      [a] ✓
14. Write the electronic configuration of Boron atom is -----  
a) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>1</sup>      b) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>2</sup>      c) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>3</sup>      d) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>4</sup>      [c] ✓

16  
-----  
30

15. Which is likely to form interhalogens of AX<sub>7</sub> type----- [a] ✓  
 a) IF<sub>7</sub>      b) IBr      c) ClF<sub>3</sub>      d) BrF<sub>5</sub>
16. Which of these incorrect interhalogen compounds----- [b] ✓  
 a) AX<sub>1</sub>      b) AX<sub>2</sub>      c) AX<sub>3</sub>      d) AX<sub>5</sub>
17. Write the electronic configuration of Nitrogen atom is ----- [c] ✓  
 a) 1S<sup>2</sup>2S<sup>2</sup>2P<sup>1</sup>      b) 1S<sup>2</sup>2S<sup>2</sup>2P<sup>2</sup>      c) 1S<sup>2</sup>2S<sup>2</sup>2P<sup>3</sup>      d) 1S<sup>2</sup>2S<sup>2</sup>2P<sup>4</sup>
18. Write the Bragg's equation is----- [a] ✓  
 a)  $n\lambda = 2d \sin\theta$       b)  $n\lambda = 2 \sin\theta$       c)  $n\lambda = \sin\theta$       d)  $n = 2d \sin\theta$
19. The total no. of Bravais lattice of crystals is----- [b] ✓  
 a) 12      b) 3      c) 14      d) 6
20. The total no. of symmetry elements of cubic crystal is----- [d] ✓  
 a) 12      b) 23      c) 14      d) 6
21. The crystals are classified into ----- types. [a] ✓  
 a) 6      b) 14      c) 12      d) 7
22. The different types of Symmetry in present in the cubic crystals are ----- [d] ✓  
 a) axis & centre      b) plane & centre      c) Centre, Plane & Axis      d) axis of symmetry
23. The arrangement of atoms in three dimensional spaces is called----- [c] ✓  
 a) Space lattice      b) Unit cell      c) Lattice point      d) None
24. Each atom of the space lattice is called----- [b] ✓  
 a) Space lattice      b) Lattice point      c) Unit cell      d) None
25. The smallest repeating unit of the space lattice is called----- [c] ✓  
 a) Space lattice      b) Lattice point      c) Unit cell      d) None
26. How many types liquid crystals ----- [d] ✓  
 a) 5      b) 3      c) 4      d) 2
27. The flow of smectic liquid crystals is ----- in nature [d] ✓  
 a) London forces      b) Non-Newtonian      c) Vanderwaal's forces      d) Newtonian
28. The shape of Smectic liquid crystals are ----- like structure [b] ✓  
 a) Layer      b) Thread      c) Soap      d) None
29. The shape of Nematic liquid crystals are ----- like structure [b] ✓  
 a) Diamond      b) Graphite      c) Coat      d) Charcoal  
 Soap      layer      thread      none
30. Organo silicon polymers containing which type of linkages----- [b] ✓  
 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), VUYYURU  
 (Accredited at "A" Grade by NAAC, Bangalore)    
 DEPARTMENT OF CHEMISTRY

NAME : Ayesha SiddikhaCLASS : I BScROLL NO : 209BRIDGE COURSE QUESTION PAPER-2020-21

1. Which element is present in the 13-group elements [a]     
 a) H      b) O      c) B      d) C
2. Which element is present in the 14-group elements [b]     
 a) Ti      b) Si      c) O      d) H
3. Borazine resembles in structure is [b]     
 a) Ethane      b) Benzene      c) Ethylene      d) Graphite
4. The hybridization of 'B' in Borazine is [b]     
 a) Sp      b) Sp<sup>2</sup>      c) Sp<sup>3</sup>      d) Sp<sup>3</sup>d
5. Write the borazine formula----- [a]     
 a) B<sub>3</sub>N<sub>3</sub>H<sub>6</sub>      b) B<sub>2</sub>H<sub>6</sub>      c) BN      d) BF<sub>3</sub>
6. Silicones shows mostly -----Valence [a]     
 a) Tetra      b) Tri      c) Hexa      d) Penta
7. Group-15 elements is also called as -----family.     
 a) Si      b) N      c) O      d) B
8. Silicones are prepared by     
 a) Silicon halides      b) Alkylated silicon halide      c) alkylated Silane      d) HCl
9. Group-16 elements is also called as-----family.     
 a) B      b) C      c) N      d) O
10. The reluctance of the ns<sup>2</sup> electrons in bond formation is called-----     
 a) Covalent bond      b) Ionic bond      c) Inert pair effect      d) None
11. Silicones are compounds of silicon and -----linkage [b]     
 a) Hydrogen      b) Oxygen      c) Carbon      d) Nitrogen
12. Group-17 elements is also called as-----family.     
 a) Halogens      b) Chalcogens      c) Silanes      d) None
13. The maximum covalency exhibited by sulphur is----- [c]     
 a) 3      b) 4      c) 6      d) 8
14. Write the electronic configuration of Boron atom is ----- [a]     
 a) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>1</sup>      b) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>2</sup>      c) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>3</sup>      d) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>4</sup>

$$\frac{18}{30}$$

15. Which is likely to form Inter halogens of AX<sub>7</sub> type----- [a]

- a) IF<sub>7</sub>      b) IBr      c) ClF<sub>3</sub>      d) BrF<sub>5</sub>

16. Which of these incorrect interhalogen compounds----- [b]

- a) AX<sub>1</sub>      b) AX<sub>2</sub>      c) AX<sub>3</sub>      d) AX<sub>5</sub>

17. Write the electronic configuration of Nitrogen atom is ----- [c]

- a) 1S<sup>2</sup>2S<sup>2</sup>2P<sup>1</sup>      b) 1S<sup>2</sup>2S<sup>2</sup>2P<sup>2</sup>      c) 1S<sup>2</sup>2S<sup>2</sup>2P<sup>3</sup>      d) 1S<sup>2</sup>2S<sup>2</sup>2P<sup>4</sup>

18. Write the Bragg's equation is----- [a]

- a)  $n\lambda = 2d \sin\theta$       b)  $n\lambda = 2 \sin\theta$       c)  $n\lambda = \sin\theta$       d)  $n = 2d \sin\theta$

19. The total no. of Bravais lattice of crystals is----- [c]

- a) 12      b) 3      c) 14      d) 6

20) The total no. of symmetry elements of cubic crystal is----- [d]

- a) 12      b) 23      c) 14      d) 6

21. The crystals are classified into ----- types. [7]

- a) 6      b) 14      c) 12      d) 7

22. The different types of Symmetry in present in the cubic crystals are----- [c]

- a) axis & centre      b) plane & centre      c) Centre, Plane & Axis      d) axis of symmetry

23. The arrangement of atoms in three dimensional spaces is called----- [c]

- a) Space lattice      b) Unit cell      c) Lattice point      d) None

24. Each atom of the space lattice is called----- [a]

- a) Space lattice      b) Lattice point      c) Unit cell      d) None

25. The smallest repeating unit of the space lattice is called-----

- a) Space lattice      b) Lattice point      c) Unit cell      d) None

26. How many types liquid crystals ----- [d]

- a) 5      b) 3      c) 4      d) 2

27. The flow of smectic liquid crystals is ----- in nature [b]

- a) London forces      b) Non-Newtonian      c) Vanderwaal's forces      d) Newtonian

28. The shape of Smectic liquid crystals are ----- like structure [a]

- a) Layer      b) Thread      c) Soap      d) None

29. The shape of Nematic liquid crystals are ----- like structure [d]

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

30. Organo silicon polymers containing which type of linkages----- [b]

- 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**

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 : 2020-2021

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.	20.101	Vukoti Sravani Durga	V. Sravani Durga
2.	20.102	Chagantipati Anjali	Ch. Anjali
3.	20.103	Gugulothu Kalyani	G. Kalyani
4.	20.104	Dudala Manikanta Kumar(Spot Admission)	D. M. Kumar
5.	20.105	Devarapalli Rahul Kumar	D. Rahul Kumar
6.	20.106	Chintalapudi Rajya Lakshmi	Ch Rajya Lakshmi
7.	20.107	Doma Surendra Babu	D. Surendra Babu
8.	20.108	Yallamalli John Vesli	Y. John Vesli
9.	20.109	Done Spandana	D. Spandana
10.	20.110	Tattaramudi Dhanush	T. Dhanush
11.	20.111	Nimmagadda Joji Kiran	N. Joji Kiran
12.	20.112	Jonnalagadda Srinivas	J. Srinivas
13.	20.113	Talari Joyce	T. Joyce
14.	20.114	Devarapalli Vasanthi	D. Vasanthi
15.	20.115	Mahammad Khazavali	Md. Khazavali
16.	20.116	Gogulamudi Sumanth Babu	G. Sumanth Babu



17.	20.117	Kagitha Lakshmi Tirupatamma	K. lakshmi Tirupatamma
18.	20.118	Dhanikonda Baji	D. Baji
19.	20.119	Pamarthi Bhavani	P. Bhavani
20.	20.120	Bandrapalli Akhila	B. Akhila
21.	20.121	Mote Nirikshana	N. Nirikshana
22.	20.122	Morla Sravani	M. Sravani
23.	20.123	Pamula Bharath Kumar	P. Bharath Kumar
24.	20.124	Chowdada Bhargavi	Ch. Bhargavi
25.	20.125	Sonti Madhu	S. Madhu
26.	20.126	Thota Prabhu Kumar	T. Prabhu Kumar
27.	20.127	Nalluri Veera Kalyani	N. Veera Kalyani
28.	20.128	Kommukuri Sravani	K. Sravani
29.	20.129	Rompicharla Naga Navya Sri	R. Naga Navya Sri
30.	20.130	Jannu Ajay Kumar	J. Ajay Kumar
31.	20.131	Kuthadi Yuvaraju	K. Yuvaraju
32.	20.132	Mandapaka Madhavi	M. Madhavi
33.	20.133	Setti Neeraja	S. Neeraja
34.	20.134	Komati Yesebu	K. Yesebu
35.	20.135	Alugula Vamsi	A. Vamsi
36.	20.136	Garike Naga Veera Babu	G. Naga Veera Babu
37.	20.137	Nandeti Koti Anil Babu	N. Koti Anil Babu
38.	20.138	Penugurthi Indravathi	P. Indravathi

39.	20.139	Kolaventi Ahalya	K. Ahalya
40.	20.140	Oleti Naga Sri	O. Naga Sri
41.	20.141	Valluru Suncetha	V. Suncetha
42.	20.142	Vankadari Durga Naga Sai	V.D. Naga Sai
43.	20.143	Natta Lokesh	N. Lokesh
44.	20.144	Mudunuri Papa	M. Papa
45.	20.145	Katuri Anitha	K. Anitha
46.	20.146	Tangirala Haveela	T. Haveela
47.	20.147	Kolluri Usha	K. Usha
48.	20.148	Kandru Anudeepika	K. Anudeepika
49.	20.149	Chatla Srivalli	Ch. Srivalli

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## **Bridge Course**

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

Unit	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 : 2020 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.	20.101	Vukoti Sravani Durga	BC-A	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	17
2.	20.102	Chagantipati Anjali	BC-A	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	16
3.	20.103	Gugulothu Kalyani	ST	P	P	P	A	P	P	A	P	A	P	P	P	P	P	A	A	P	P	P	A	14
4.	20.104	Dudala Manikanta Kumar(Spot Admission)	OC	A	A	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	16
5.	20.105	Devarapalli Rahul Kumar	SC	P	P	P	A	A	P	P	P	P	P	A	P	P	P	A	A	P	P	P	P	15
6.	20.106	Chintalapudi Rajya Lakshmi	SC	A	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	A	15
7.	20.107	Doma Surendra Babu	SC	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	16
8.	20.108	Yallamalli John Vesli	SC	A	P	P	P	P	P	A	P	P	P	P	P	P	A	A	P	P	P	A	A	14
9.	20.109	Done Spandana	SC	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	17
10.	20.110	Tattaramudi Dhanush	SC	A	A	A	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	A	A	13





39.	20.139	Kolaventi Ahalya	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	
40.	20.140	Oleti Naga Sri	BC-B	P	A	P	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	A	P	P	P	14
41.	20.141	Valluru Suneetha	SC	A	A	A	P	P	P	P	P	P	P	A	A	A	A	A	A	A	A	A	A	A	A	09
42.	20.142	Vankadari Durga Naga Sai	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
43.	20.143	Natta Lokesh	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
44.	20.144	Mudunuri Papa	SC	A	A	A	A	A	P	P	A	P	A	P	P	P	P	P	P	P	P	A	P	P	P	12
45.	20.145	Katuri Anitha	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
46.	20.146	Tangirala Haveela	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	18
47.	20.147	Kolluri Usha	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
48.	20.148	Kandru Anudeepika	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
49.	20.149	Chatla Srivalli	SC	A	A	A	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	11

*K. Venkataswarulu*  
Lecturer

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

*P. Saleem*  
Principal  
PRINCIPAL

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

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

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

### **Bridge Course**

Department : Commerce

Academic year : 2020-2021

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.	20.801	Maganti Revathi	M. Revathi
2.	20.802	Kondaveeti Sarani	K. Sarani
3.	20.803	Jogi Gowri Prasanna Kumari	J. G. prasanna kumari
4.	20.804	Poranki Dharani	P. Dharani
5.	20.805	Dokku Bhuvaneshwari	D. Bhuvaneshwari
6.	20.806	Chagantipati Sasank	ch. sasank
7.	20.807	Boddu Bhagya Sree	B. Bhagya sree
8.	20.808	Syed Afrin	Sd. Afrin
9.	20.809	Chokka Anjali	ch. Anjali
10.	20.810	Karanam Teja Swaroop	K. Teja Swaroop
11.	20.811	Jarapala Sai Nayak	J. Sai nayak
12.	20.812	Cheeli Rajitha	ch. Rajitha
13.	20.813	Devarapalli Sunil	D. sunil
14.	20.814	Chalapathi Deepthi	ch. Deepthi
15.	20.815	Valluru Sumanth	v. sumanth

16.	20.816	Bobbili Purna Kumar	B. purna kumar
17.	20.817	Kanumuri Vasanth Kumar	k. vasanth kumar
18.	20.818	Oruganti Arunkumar	O. Arunkumar
19.	20.819	Burepalli Abhinav	B. ABhinav
20.	20.820	Kolusu Jhansi	K. Jhansi
21.	20.821	Akunuri Bhumika	A. Bhumika
22.	20.822	Kambham Uday	K. uday
23.	20.823	Kondaveeti Bharath Kalyan	K. Bharath kalyan
24.	20.824	Patan Shaheena	P. shaheena
25.	20.825	Edpuganti Bindu	E. Bindu
26.	20.826	Siripurapu Sri Chandana	S. Sri Chandana
27.	20.827	Gunja Sireesha	G. Sireesha
28.	20.828	Tadikonda Gopi Chand	T. Gopi Chand
29.	20.829	Guntu Navya	G. Navya
30.	20.830	Kanumuri Sriram	K. Sriram
31.	20.831	Nutakki Harita Sri	N. Harita Sri
32.	20.832	Shaik Ruksana	SK. Ruksana
33.	20.833	Lanke Mohan Sai	L. Mohan Sai
34.	20.834	Kolaventi Anil Kumar	K. Anil Kumar
35.	20.835	Ogirala Bhanu Venkata Akhil (PHC)	O. B.V. Akhil
36.	20.836	Chandaluri Jhansi Lakshmi	Ch. Jhansi lakshmi
37.	20.837	Bokinala Tarun	B. Tarun

38.	20.838	Dokku Gopi Krishna	D. Gopi Krishna
39.	20.839	Etukala Durga Rao	E. Durga Rao
40.	20.840	Arevarapu Yamini	A. Yamini
41.	20.841	Nepala Jyothi	N. Jyothi
42.	20.842	Jonnalagadda Samuyelu	J. samuyelu
43.	20.843	Choragudi Kundana	C. Kundana
44.	20.844	Yaddu Lokesh Babu	y. Lokesh Babu
45.	20.845	Kodali Ajay Babu	K. Ajay babu
46.	20.846	Shaik Terjahan Basha	SKT. Basha
47.	20.847	Annavarapu Naga Lakshmi	A. Naga lakshmi
48.	20.848	Yenduri Dileep	Y. dileep
49.	20.849	Bezavada Chandra Sekhar	B. chandra sekhar
50.	20.850	Syed Safura	SD. safura
51.	20.851	Nallagopula Venkata Sai Lakshman	NVS. Lakshman
52.	20.852	Kalidindi Uday Kumar(PHC)	K. Uday Kumar
53.	20.853	Gopu Bala Manikanta	G. Bala Manikanta
54.	20.854	Merakanapalli Abhishek	M. Abhishek
55.	20.855	Maddhala Karthik	M. Karthik
56.	20.856	Shaik Apsarunnisa	S. Apsarunnisa

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

**Bridge Course**

**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 (CA)      Year : 2020 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.	20.801	Maganti Revathi	BC-D	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	17
2.	20.802	Kondaveeti Sarani	SC	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	16
3.	20.803	Jogi Govri Prasanna Kumari	BC-B	P	P	P	A	P	P	A	P	A	P	P	P	P	P	A	A	P	P	P	A	14
4.	20.804	Poranki Dharani	BC-D	A	A	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	16
5.	20.805	Dokku Bhuvaneswari	BC-D	P	P	P	A	A	P	P	P	P	P	A	P	P	P	A	A	P	P	P	P	15
6.	20.806	Chagantipati Sasank	BC-A	A	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	A	15
7.	20.807	Boddu Bhagya Sree	SC	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	16
8.	20.808	Syed Afrin	BC-E	A	P	P	P	P	P	A	P	P	P	P	P	P	A	A	P	P	P	A	P	14
9.	20.809	Chokka Anjali	SC	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	17
10.	20.810	Karanam Teja Swaroop	BC-D	A	A	A	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	A	A	13
11.	20.811	Jarapala Sai Nayak	ST	P	A	P	P	P	P	A	A	P	P	P	A	P	P	A	P	A	P	P	A	13



25.	20.825	Edpuganti Bindu	SC	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	12
26.	20.826	Siripurapu Sri Chandana	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
27.	20.827	Gunja Sireesha	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18
28.	20.828	Tadikonda Gopi Chand	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
29.	20.829	Guntu Navya	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
30.	20.830	Kanumuri Sriram	SC	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	11
31.	20.831	Nutakki Harita Sri	BC-A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	A	A	P	P	P	A	14
32.	20.832	Shaik Ruksana	BC-E	A	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	16
33.	20.833	Lanke Mohan Sai	BC-A	P	P	P	P	A	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	15
34.	20.834	Kolaventi Anil Kumar	SC	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	15
35.	20.835	Ogirala Bhanu Venkata Akhil (PHC)	BC-A	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	16
36.	20.836	Chandaluri Jhansi Lakshmi	BC-B	A	P	P	P	P	P	A	P	P	P	P	P	A	A	A	P	P	A	P	A	14





50.	20.850	Syed Safura	BC-E	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A	A	A	A	09
51.	20.851	Nallagopula Venkata Sai Lakshman	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
52.	20.852	Kalidindi Uday Kumar(PHC)	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
53.	20.853	Gopu Bala Manikanta	OC	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	P	A	P	P	P	P	P	P	P	12
54.	20.854	Merakanapalli Abhishek	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
55.	20.855	Maddhala Karthik	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	18
56.	20.856	Shaik Apsarunnisa	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20

*K. Venkateswaraiah*  
Lecturer

Head of the Department

of the Department

of Commerce

Dr. S. S. Degree College  
Vijayavada - 521 165.

*B. K. K. K.*

Principal

PRINCIPAL

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

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

(An Autonomous College in the Jurisdiction of Krishna University)

Vuyyuru-521165, Krishna District, Andhra Pradesh

NAAC Accredited with "A" Grade



DEPARTMENT OF COMPUTER SCIENCE

## Bridge Course

Department	:	<u>Computer Science</u>
Academic year	:	2020-21
Semester	:	1

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

Bridge Course

Student Enrolment Sheet

Class : IB.Sc (MPCs)

S.No:	Roll.No	Student Name	Student Signature
1	20.601	Chillimuntha Lokesh	C. Lokesh
2	20.602	Loya Naga Padma	L. Naga Padma
4	20.604	Pulipaka Chakradhar	P. Chakradhar
5	20.605	Alaparthi Kumar Venkata Sai Kiran	A. Kumar Venkata Sai Kiran
6	20.606	Elusuri Poojitha	E. Poojitha
7	20.607	Rebba Bhanu Sree	Rebba bhanu sree
8	20.608	Busi Manjusha	B. Manjusha
9	20.609	Gopalajoshula Prathyusha	G. Prathyusha
10	20.610	Kolluri Likitha	Kolluri Likitha
11	20.611	Kurapati Harika	K. Harika
12	20.612	Goriparthi Sampurna	G. Kurapati
13	20.613	Kolli Naga Tirumala Reddy	K. Naga Tirumala Reddy
14	20.614	Namala V V Sandhya	N. V. V. Sandhya
15	20.615	Tumuluri Yogambika	T. Yogambika
16	20.616	Arilli Veeramma	A. Veeramma
17	20.617	Gangireddy Jahnvi	G. Jahnvi
18	20.618	Katta Pravallika	Katta Pravallika
19	20.619	Kagitha Hinduja	K. Hinduja
20	20.620	Ede Sravani Durga Devi	Ede Sravani Durga Devi
21	20.621	Munipalli Ajay	M. Ajay
22	20.622	Dasari Naga Mallika	D. Naga mallika
23	20.624	Juvvanapudi Sai Kiran	J. Sai Kiran
24	20.625	Taviti Ratna Kumari	T. Ratna Kumari
25	20.626	Parimi Prem Chand	P. Prem Chand
26	20.628	Shaik Sabiha Tasleem	Sk. Sabiha Tasleem
27	20.629	Vasadi Radha	V. Radha
28	20.630	Chittibomma Poorna Chandra Moulika	C. P. C. moulika
29	20.631	Dokku Gnana Prasanna	D. Gnana Prasanna
30	20.633	Dabbada Sai	D. Sai
31	20.634	Mareedu Aliveni	M. Aliveni

32	20.635	Govada Pratyusha	G. Pratyusha
33	20.636	Goriparthi Lakshmi Tulasi	G. Lakshmi tulasi
34	20.637	Prattipati Nagamani	P. Nagamani
35	20.638	Guduru Charitha	G. Charitha
36	20.639	Abdul Aasiya Sultana	A. Aasiya Sultana
37	20.640	Kondiparthi Uma Venkata Naga Lakshmi	K. U.V. N. lakshmi
38	20.641	Shaik Shafi	S. shafi
39	20.642	Bandapalli Govinda Kalyan	B. Govinda kalyan
40	20.643	Jampana Anka Venkateswaramma	J. Anka Venkateswaramma
41	20.644	Todeti Roshini	T. Roshini
42	20.645	Mallampalli Lakshmi Kanth	M. lakshmi kanth
43	20.646	Nakka Shanmukha Venkata Naga Manohar Babu	N. shanmukha v. N.M. B
44	20.647	Sarikonda Sekha Vamsi Krishnam Raju	S. S. V. Krishnam Raju
45	20.648	Valluru Meghana	V. Meghana
46	20.649	Dokku Lavanya	D. Lavanya
47	20.650	Abdul Ameera	Abdul Ameera
48	20.651	Mohammad Rouf	M. Rouf
49	20.652	Nidumolu Nagabhavani	N. Nagabhavani
50	20.653	Kurni Nithin	K. nithin
51	20.654	Baig Rahimunnisa	Baig Rahimunnisa
52	20.655	Shaik Jakeerunnisa	shaik Jakeerunnisa
53	20.656	Katuri Geetha	K. Geetha
54	20.657	Mekala Bindu Latha	K. Rohith
55	20.660	Kapileswarapu Rohith	K. Rohith
56	20.661	Konatham Siva Venkata Subrahmanyam	I. Sandeep kumar
57	20.662	Ila Sandeep Kumar	Ila. Sandeep kumar
58	20.663	Tadikonda Pavani	T. Pavani
59	20.664	Vanukuru Siva Sai Karthik	V. Siva Sai Karthik.
60	20.665	Movva Ram Koteswara Rao	M. Ram koteswara Rao
61	20.666	Vampugadavala Dwaraka	V. Dwaraka
62	20.667	Korivi Monika	K. Monika
63	20.668	Vaddapalli Bhargavi	V. Bhargavi
64	20.669	Mohammad Naziya Sulthana	M. d. N. Sulthana
65	20.670	Kolluri Supraja	K. Supraja
66	20.671	Morampudi Meghana	M. Meghana
67	20.672	Devarapalli Geethika	D. Geethika
68	20.673	Abdul Asmathulla	Ab. Asmathulla.
69	20.675	Chagantipati Hema Madhuri	Ch. Hema Madhuri
70	20.676	Maripi Veera Kumari	M. Veera Kumari
71	20.677	Akula Durga Venkata Subhashini	A. Durga Venkata Subhashini
72	20.679	Gurvindapalli Sireesha	G. Sireesha
73	20.681	Jujjuvarapu Vennela	J. Vennela

Class : I B.Sc (MCCs)

S. No	Roll. No	Student Name	Student Signature
1	20.701	Vemula Kavya Naga Sri	V. Kavya Naga Sri
2	20.702	Dronadula Hemanjali	D. Hemanjali
3	20.703	Dekka Kavitha	D. Kavitha
4	20.704	Jujjuvarapu Venkateswara Rao	J. Venkateswara Rao
5	20.705	Mirza Hasan Abbas	M. Hasan Abbas
6	20.706	Marepalli Venkata Naga Sai Pavan Kumar	M. V. N. Sai Pavan Kumar
7	20.707	Aluri Bhavya Sri	A. Bhavya Sri
8	20.708	Samayamanthula Sandeep	S. Sandeep
9	20.709	Kalapala Dinesh	K. Dinesh
10	20.710	Jogi Gowthami	J. Gowthami
11	20.711	Jonnalagadda Kusuma	J. Kusuma
12	20.712	Perlapudi Pranadeep	P. Pranadeep
13	20.713	Devabathina Satyadev	D. Satyadev
14	20.714	Somayajula S.M.K.Chaitanya	S. S.M.K. Chaitanya
15	20.715	Vukoti Naga Veera Sai	V. N. V Sai
16	20.716	Suriseti Navya	S. Navya
17	20.717	Todeti Ajay Babu	T. Ajay Babu
18	20.718	Yelivelu Venkata Jaya Ram	Y. Venkata Jaya Ram
19	20.719	Pagolu Sri Lekha	P. Sri Lekha
20	20.720	Darapu Vanitha	D. Vanitha
21	20.721	Kaitepalli Teja Sri	K. Teja Sri
22	20.722	Potluri Sraavan Kumar	P. Sraavan Kumar
23	20.723	Tummala Akanksha	T. Akanksha
24	20.724	Tadepalli Anusha	T. Anusha
25	20.725	Chalapati Venkata Naga Lakshmi	C.V. Naga Lakshmi
26	20.726	Potturi Krishna Bhuvaneswari	P. Venkata Naga Lakshmi
27	20.727	Nunna Pedda Bala Siva Nagamani	N. Pedda Bala Siva Nagamani
28	20.728	Kagithala Durga Prasad	K. Durga Prasad
29	20.729	Sangala Bhavana	S. Bhavana
30	20.730	Thota Lavanya	T. Lavanya
31	20.731	Gurrula Naga Sirisha	Gurrula Naga Sirisha
32	20.732	Kunchala Bhargavi	K. Bhargavi
34	20.734	Nagarakanti Vujwala	N. Vujwala

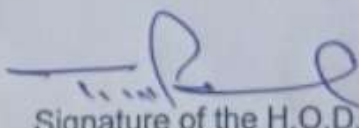
35	20.735	Rajulapati Bhavana	Rajulapati Bhavana
36	20.736	Derangula Durga Anjaneyulu	D. Durga Anjaneyulu
37	20.737	Kamodula Tulasi Ram	K. Tulasi Ram
38	20.738	Runku Sateesh	R. Sateesh
39	20.739	Konatham Siva Naga Pavani	K. Siva Naga Pavani
40	20.740	Peram Jyothiramai	P. Jyothiramai
41	20.741	Gopalajoshula Prasanna Sai	G. Prasanna Sai
42	20.742	Ande Madhu Babu	Ande Madhu Sai
43	20.743	Sheik Ayesha	Sh. Ayesha
44	20.744	Mohammad Shaida Mansuri	M. Shaida Mansuri
45	20.746	Mareedu Tejaswi	M. Tejaswi
46	20.747	Nalukurti Vinodh Babu	N. Vinodh Babu
47	20.748	Bandaru Abhilash	B. Abhilash
48	20.749	Ede Pavan Kumar	Ede. Pavan Kumar
49	20.750	Kolluri Manoj Kumar	K. Manoj Kumar

Class : I B.Com (CA)

S. No	Roll. No	Student Name	Student Signature
1	20.801	Maganti Revathi	Maganti Revathi
2	20.802	Kondaveeti Sarani	K. Sarani
3	20.803	Jogi Gowri Prasanna Kumari	J. Gowri Prasanna Kumari
4	20.804	Poranki Dharani	P. Dharani
5	20.805	Dokku Bhuvanewari	D. Bhuvanewari
6	20.806	Chagantipati Sasank	C. Sasank
7	20.807	Boddu Bhagya Sree	B. Bhagya Sree
8	20.808	Syed Afrin	S. Afrin
9	20.809	Chokka Anjali	Syed Afrin
10	20.810	Karanam Teja Swaroop	K. Teja Swaroop
11	20.811	Jarapala Sai Nayak	J. Sai Nayak
13	20.813	Devarapalli Sunil	D. Sunil
14	20.814	Chalapathi Deepthi	C. Deepthi
15	20.815	Valluru Sumanth	V. Sumanth
16	20.816	Bobbili Purna Kumar	B. Purnakumar
17	20.817	Kanumuri Vasanth Kumar	K. Vasanth Kumar
18	20.818	Oruganti Arunkumar	O. Arunkumar
19	20.819	Burepalli Abhinav	B. Abhinav
20	20.820	Kolusu Jhansi	K. Jhansi
21	20.821	Akunuri Bhumika	A. Bhumika
22	20.822	Kambham Uday	K. Uday
23	20.823	Kondaveeti Bharath Kalyan	K. Bharath Kalyan
24	20.824	Patan Shaheena	P. Shaheena
26	20.826	Siripurapu Sri Chandana	S. Sri Chandana
27	20.827	Gunja Sireesha	G. Sireesha
28	20.828	Tadikonda Gopi Chand	Tadikonda Gopi Chand
29	20.829	Guntu Navya	Guntu Navya
30	20.830	Kanumuri Sriram	K. Sriram
31	20.831	Nutakki Harita Sri	N. Harita Sri
32	20.832	Shaik Ruksana	S. Ruksana
33	20.833	Lanke Mohan Sai	L. Mohan Sai

35	20.835	Ogirala Bhanu Venkata Akhil	D. B.V. Akhil
36	20.836	Chandaluri Jhansi Lakshmi	Ch. Jhansi Lakshmi
37	20.837	Bokinala Tarun	B. Tarun
38	20.838	Dokku Gopi Krishna	D. Gopikrishna
39	20.839	Etukala Durga Rao	E. Durgarao
40	20.840	Arevarapu Yamini	A. Yamini
41	20.841	Nepala Jyothi	N. Jyothi
42	20.842	Jonnalagadda Samuyelu	J. Samuyelu
43	20.843	Choragudi Kundana	Ch. Kundana
44	20.844	Yaddu Lokesh Babu	Y. Lokesh Babu
45	20.845	Kodali Ajay Babu	K. AJAY BABU
46	20.846	Shaik Terjahan Basha	Sk. Terjahan Basha
47	20.847	Annavaarapu Naga Lakshmi	A. Naga Lakshmi
48	20.848	Yenduri Dileep	Y. Dileep
49	20.849	Bezavada Chandra Sekhar	B. C. Sekhar
50	20.850	Syed Safura	Sd. Safura
51	20.851	Nallagopula Venkata Sai Lakshman	N. V. S. Lakshman
52	20.852	Kalidindi Uday Kumar	K. Uday Kumar
53	20.854	Merakanapalli Abhishek	M. Abhishek
54	20.855	Maddhala Karthik	M. Karthik
55	20.856	Shaik Apsarunnisa	S. Apsarunnisa
56	20.857	Shaik Halimunnisa	S. Halimunnisa
57	20.858	Cherukuri Navya	C. Navya
58	20.859	Sharmila	sharmila
59	20.861	Gummadi Uday Kiran(Spot Admission)	G. Uday Kiran
60	20.862	Gummadi Pavan Kumar(Spot Admission)	G. Pavan Kumar
61	20.863	Kodali Mohana Krishna	K. Mohana Krishna
62	20.864	Chavali Koti Venkata Manikanta Sai	C. Venkata Manikanta Sai
63	20.866	Rayapati Harshini N.V.R.S.Subrahmanyeswari	R. Harshini

  
Signature of the Lecturer

  
Signature of the H.O.D.

  
Signature of the Principal



**Bridge Course**

**Syllabus**

**Module I: Fundamentals of Computers:**

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

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

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

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

**Bridge Course - Attendance Register**

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

S. No	Roll. No	Student Name	1	2	3	4	5	6	7	8	9	10	Tot
1	20.601	Chillimuntha Lokesh	P	P	P	P	P	P	a	a	P	a	
2	20.602	Loya Naga Padma	P	P	P	P	P	P	P	P	a	P	
3	20.604	Pulipaka Chakradhar	P	P	P	P	P	P	P	a	P	P	
4	20.605	Alaparathi Kumar Venkata Sai Kiran	P	P	P	a	P	P	a	P	P	P	
5	20.606	Elusuri Poojitha	P	P	P	P	P	P	P	P	P	P	
6	20.607	Rebba Bhanu Sree	P	P	P	P	P	P	a	P	P	P	
7	20.608	Busi Manjusha	P	P	P	P	P	P	P	P	P	P	
8	20.609	Gopalajoshula Prathyusha	P	P	P	P	P	P	P	P	P	P	
9	20.610	Kolluri Likitha	P	P	a	a	P	P	P	a	P	P	
10	20.611	Kurapati Harika	P	P	P	P	a	P	a	P	P	P	
11	20.612	Goriparthi Sampoorna	P	P	P	P	P	P	P	P	P	P	
12	20.613	Kolli Naga Tirumala Reddy	P	P	a	P	P	a	P	P	P	P	
13	20.614	Namala V V Sandhya	P	P	P	P	a	P	P	a	P	P	
14	20.615	Tumuluri Yogambika	P	P	P	P	P	P	P	P	P	P	
15	20.616	Arilli Veeramma	P	P	P	P	P	P	P	P	P	P	
16	20.617	Gangireddy Jahnavi	P	P	P	P	P	P	P	P	P	P	
17	20.618	Katta Pravallika	P	P	a	P	P	P	P	P	P	P	
18	20.619	Kagitha Hinduja	P	P	P	P	P	P	P	P	P	P	
19	20.620	Ede Sravani Durga Devi	P	P	P	P	a	P	P	P	P	P	
20	20.621	Munipalli Ajay	P	P	a	P	P	a	P	P	a	P	
21	20.622	Dasari Naga Mallika	P	P	P	P	P	P	a	P	P	P	
22	20.624	Juvvanapudi Sai Kiran	P	P	a	P	P	P	P	a	P	P	
23	20.625	Taviti Ratna Kumari	P	P	P	P	P	P	P	P	P	P	
24	20.626	Parimi Prem Chand	P	P	P	P	P	P	P	P	P	P	
25	20.628	Shaik Sabiha Tasleem	P	P	P	a	P	P	P	P	P	P	
26	20.629	Vasadi Radha	P	P	P	P	P	a	P	P	P	P	
27	20.630	Chittibomma Poorna Chandra Moulika	P	P	P	P	P	P	P	a	P	P	
28	20.631	Dokku Gnana Prasanna	P	P	P	P	P	P	P	P	P	P	
29	20.633	Dabbada Sai	P	P	a	a	P	P	P	a	P	P	
30	20.634	Mareedu Aliveni	P	P	P	P	P	a	P	P	P	P	
31	21.6335	Govada Pratyusha	P	P	P	P	P	P	P	P	P	P	

32	20.636	Goriparthi Lakshmi Tulasi	P	P	P	P	P	P	P	P	P	P
33	20.637	Prattipati Nagamani	P	P	a	P	P	P	P	P	a	P
34	20.638	Guduru Charitha	P	P	P	P	P	a	P	P	P	P
35	20.639	Abdul Aasiya Sultana	P	P	P	P	P	P	P	P	P	P
36	20.640	Kondiparthi Uma Venkata Naga Lakshmi	P	P	P	P	P	P	a	P	P	P
37	20.641	Shaik Shafi	P	P	P	P	P	P	P	P	P	P
38	20.642	Bandapalli Govinda Kalyan	P	P	P	P	P	P	P	P	P	P
39	20.643	Jampana Anka Venkateswaramma	P	P	P	P	P	P	a	P	P	P
40	20.644	Todeti Roshini	P	P	P	a	P	P	P	a	P	P
41	20.645	Mallampalli Lakshmi Kanth	P	P	P	P	P	P	P	P	P	P
42	20.646	Nakka Shanmukha Venkata Naga Manohar Babu	P	P	P	P	P	P	P	P	a	P
43	20.647	Sarikonda Sekha Vamsi Krishnam Raju	P	P	a	P	P	P	a	P	P	P
44	20.648	Valluru Meghana	P	P	P	P	a	P	P	P	a	P
45	20.649	Dokku Lavanya	P	P	P	P	P	P	P	a	P	P
46	20.650	Abdul Ameera	P	P	P	P	a	P	P	P	P	P
47	20.651	Mohammad Rouf	P	P	P	a	P	P	P	P	P	P
48	20.652	Nidumolu Nagabhavani	P	P	P	P	a	P	P	P	P	P
49	20.653	Kurni Nithin	P	P	P	P	P	P	P	P	P	P
50	20.654	Baig Rahimunnisa	P	P	P	P	P	P	P	P	P	P
51	20.655	Shaik Jakeerunnisa	P	P	P	a	P	P	P	P	a	P
52	20.656	Katuri Geetha	P	P	P	P	a	P	P	a	P	P
53	20.657	Mekala Bindu Latha	P	P	P	a	P	P	a	P	P	P
54	20.660	Kapileswarapu Rohith	P	P	P	P	a	P	P	a	P	P
55	20.661	Konatham Siva Venkata Subrahmanyam	P	P	P	P	P	P	P	P	P	P
56	20.662	Ila Sandeep Kumar	P	P	a	P	P	a	P	P	P	P
57	20.663	Tadikonda Pavani	P	P	P	P	a	P	P	P	P	P
58	20.664	Vanukuru Siva Sai Karthik	P	P	P	P	P	P	P	P	P	P
59	20.665	Movva Ram Koteswara Rao	P	P	P	a	P	P	a	P	P	P
60	20.666	Vampugadavala Dwaraka	P	P	P	P	P	P	P	a	P	P
61	20.667	Korivi Monika	P	P	P	a	P	P	a	P	P	P
62	20.668	Vaddapalli Bhargavi	P	P	P	P	a	P	P	P	a	P
63	20.669	Mohammad Naziya Sulthana	P	P	P	P	P	P	P	P	P	P
64	20.670	Kolluri Supraja	P	P	P	P	a	P	P	P	P	P
65	20.671	Morampudi Meghana	P	P	P	P	P	P	P	P	a	P
66	20.672	Devarapalli Geethika	P	P	P	a	P	P	a	P	P	P
67	20.673	Abdul Asmathulla	P	P	P	P	P	a	P	P	P	P
68	20.675	Chagantipati Hema Madhuri	P	P	P	P	P	P	a	P	P	P
69	20.676	Maripi Veera Kumari	P	P	P	a	P	P	P	a	P	P
70	20.677	Akula Durga Venkata Subhashini	P	P	P	P	P	P	P	P	a	P
71	20.679	Gurvindapalli Sireesha	P	P	P	P	P	a	P	P	a	P
72	20.681	Jujuvarapu Vennela	P	P	a	P	P	P	a	P	P	P

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

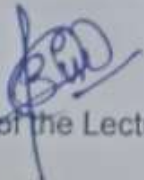
S. No	Roll. No	Student Name	1	2	3	4	5	6	7	8	9	10	Tot
1	20.701	Vemula Kavya Naga Sri	P	P	P	a	P	P	P	P	P	P	
2	20.702	Dronadula Hemanjali	P	P	P	P	P	a	P	P	P	P	
3	20.703	Dekka Kavitha	P	P	P	a	P	P	a	P	P	P	
4	20.704	Jujuvarapu Venkateswara Rao	P	P	P	P	a	P	P	P	a	P	
5	20.705	Mirza Hasan Abbas	P	P	a	P	P	P	a	P	P	P	
6	20.706	Marepalli Venkata Naga Sai Pavan Kumar	P	P	P	P	P	a	P	P	a	P	
7	20.707	Aluri Bhavya Sri	P	P	P	P	a	P	P	P	P	P	
8	20.708	Samayamanthula Sandeep	P	P	P	a	P	P	a	P	P	P	
9	20.709	Kalapala Dinesh	P	P	P	P	P	a	P	P	P	P	
10	20.710	Jogi Gowthami	P	P	P	P	P	P	P	P	P	P	
11	20.711	Jonnalagadda Kusuma	P	P	P	P	a	P	P	P	P	P	
12	20.712	Perlapudi Pranadeep	P	P	P	P	P	P	a	P	P	P	
13	20.713	Devabathina Satyadev	P	P	a	P	P	a	P	P	a	P	
14	20.714	Somayajula S.M.K.Chaitanya	P	P	P	P	P	P	P	P	P	P	
15	20.715	Vukoti Naga Veera Sai	P	a	P	P	a	P	P	a	P	P	
16	20.716	Suriseti Navya	P	P	P	P	P	P	P	P	P	P	
17	20.717	Todeti Ajay Babu	P	P	P	a	P	P	P	a	P	P	
18	20.718	Yelivelu Venkata Jaya Ram	P	P	P	P	a	P	P	P	P	P	
19	20.719	Pagolu Sri Lekha	P	P	P	P	P	P	P	P	P	P	
20	20.720	Darapu Vanitha	P	P	P	P	P	P	P	P	P	P	
21	20.721	Kaitepalli Teja Sri	P	P	a	P	a	P	P	a	P	P	
22	20.722	Potluri Sravan Kumar	P	P	P	P	P	P	P	P	P	P	
23	20.723	Tummala Akanksha	P	P	P	P	P	P	P	P	P	P	
24	20.724	Tadepalli Anusha	P	P	P	P	P	a	P	P	P	P	
25	20.725	Chalapati Venkata Naga Lakshmi	P	P	P	P	P	P	P	P	P	P	
26	20.726	Potturi Krishna Bhuvanewari	P	P	P	P	P	a	P	P	a	P	
27	20.727	Nunna Pedda Bala Siva Nagamani	P	P	P	P	P	P	P	P	P	P	
28	20.728	Kagithala Durga Prasad	P	P	P	a	P	P	P	a	P	P	
29	20.729	Sangala Bhavana	P	P	P	P	P	P	P	P	P	P	
30	20.730	Thota Lavanya	P	P	P	P	P	P	P	P	P	P	
31	20.731	Gurrala Naga Sirisha	P	P	P	a	P	P	P	P	P	P	
32	20.732	Kunchala Bhargavi	P	P	P	P	P	P	a	P	P	P	
33	20.734	Nagarakanti Vujwala	P	P	P	a	P	P	P	P	P	P	

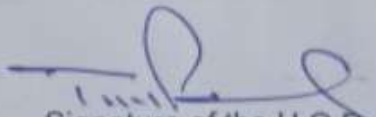
34	20.735	Rajulapati Bhavana	P	P	P	P	P	P	P	P	a	P
35	20.736	Derangula Durga Anjaneyulu	P	P	P	P	P	a	P	P	P	P
36	20.737	Kamodula Tulasi Ram	P	P	P	P	P	P	P	P	P	P
37	20.738	Runku Sateesh	P	P	a	P	P	P	a	P	P	P
38	20.739	Konatham Siva Naga Pavani	P	P	P	P	P	a	P	P	P	P
39	20.740	Peram Jyothiramai	P	P	P	a	P	P	P	P	P	P
40	20.741	Gopalajoshula Prasanna Sai	P	P	P	P	P	P	P	P	P	P
41	20.742	Ande Madhu Babu	P	P	P	P	P	P	a	P	P	P
42	20.743	Sheik Ayesha	P	P	P	a	P	P	P	P	P	P
43	20.744	Mohammad Shaida Mansuri	P	P	P	P	a	P	P	P	P	P
44	20.746	Mareedu Tejaswi	P	P	P	a	P	P	P	P	a	P
45	20.747	Nalukurti Vinodh Babu	P	P	P	P	P	P	P	P	P	P
46	20.748	Bandaru Abhilash	P	P	a	P	P	P	P	P	P	P
47	20.749	Ede Pavan Kumar	P	P	P	P	P	a	P	P	P	P
48	20.750	Kolluri Manoj Kumar	P	P	a	P	P	P	P	P	P	P

Class : LB.Com (CA)

S. No	Roll. No	Student Name	1	2	3	4	5	6	7	8	9	10	Tot
1	20.801	Maganti Revathi	P	P	P	P	P	P	P	a	P	P	
2	20.802	Kondaveeti Sarani	P	P	P	P	P	P	P	P	P	P	
3	20.803	Jogi Gowri Prasanna Kumari	P	P	P	a	P	P	P	P	P	P	
4	20.804	Poranki Dharani	P	P	P	P	P	P	a	P	P	P	
5	20.805	Dokku Bhuvaneswari	P	P	a	P	P	P	P	a	P	P	
6	20.806	Chagantipati Sasank	P	P	P	a	P	P	P	P	P	P	
7	20.807	Boddu Bhagya Sree	P	P	a	P	P	P	P	P	P	P	
8	20.808	Syed Afrin	P	P	P	P	P	P	P	P	P	P	
9	20.809	Chokka Anjali	P	P	P	P	P	P	P	P	P	P	
10	20.810	Karanam Teja Swaroop	P	P	P	a	P	P	P	P	a	P	
11	20.811	Jarapala Sai Nayak	P	P	P	P	P	P	P	P	P	P	
13	20.813	Devarapalli Sunil	P	P	P	a	P	P	P	P	P	P	
14	20.814	Chalapathi Deepthi	P	P	P	P	P	a	P	P	P	P	
15	20.815	Valluru Sumanth	P	P	P	P	P	P	P	P	P	P	
16	20.816	Bobbili Purna Kumar	P	P	a	a	P	P	P	P	P	P	
17	20.817	Kanumuri Vasanth Kumar	P	P	P	P	P	P	P	P	P	P	
18	20.818	Oruganti Arunkumar	P	P	P	a	P	P	P	P	P	P	
19	20.819	Burepalli Abhinav	P	P	P	P	P	P	P	P	P	P	
20	20.820	Kolusu Jhansi	P	P	P	P	P	P	R	P	P	P	
21	20.821	Akunuri Bhumika	P	P	a	P	P	P	P	P	P	P	
22	20.822	Kambham Uday	P	P	P	P	P	P	P	P	P	P	
23	20.823	Kondaveeti Bharath Kalyan	P	P	P	a	P	P	P	P	P	P	
24	20.824	Patan Shaheena	P	P	P	P	P	P	a	P	P	P	
26	20.826	Siripurapu Sri Chandana	P	P	P	P	a	P	P	P	P	P	
27	20.827	Gunja Sireesha	P	P	P	a	a	P	a	P	P	P	
28	20.828	Tadikonda Gopi Chand	P	P	P	P	P	P	P	P	P	P	
29	20.829	Guntu Navya	P	P	P	P	P	P	P	P	P	P	
30	20.830	Kanumuri Sriram	P	P	a	P	P	P	P	a	P	P	
31	20.831	Nutakki Harita Sri	P	P	P	P	P	P	P	P	P	P	
32	20.832	Shaik Ruksana	P	P	a	P	P	P	P	P	a	P	
33	20.833	Lanke Mohan Sai	P	P	P	P	P	P	P	P	P	P	
35	20.835	Ogirala Bhanu Venkata Akhil	P	P	P	P	P	a	P	a	P	P	

36	20.836	Chandaluri Jhansi Lakshmi	P	P	P	P	P	P	P	P	P	P	P	P
37	20.837	Bokinala Tarun	P	P	P	a	P	P	P	P	P	P	P	P
38	20.838	Dokku Gopi Krishna	P	P	a	P	P	P	P	P	P	P	P	P
39	20.839	Etukala Durga Rao	P	P	P	P	P	a	P	P	P	P	P	P
40	20.840	Arevarapu Yamini	P	P	P	P	P	P	P	P	P	P	P	P
41	20.841	Nepala Jyothi	P	P	a	P	P	P	P	P	P	P	P	P
42	20.842	Jonnalagadda Samuyelu	P	P	P	P	P	P	P	P	P	P	P	P
43	20.843	Choragudi Kundana	P	P	P	P	P	P	a	P	P	P	P	P
44	20.844	Yaddu Lokesh Babu	P	P	P	P	P	P	P	P	P	P	P	P
45	20.845	Kodali Ajay Babu	P	P	a	P	P	P	P	P	P	P	P	P
46	20.846	Shaik Terjahan Basha	P	P	P	P	P	P	P	P	P	P	P	P
47	20.847	Annavaarapu Naga Lakshmi	P	P	P	P	P	a	P	P	P	P	P	P
48	20.848	Yenduri Dileep	P	P	P	P	P	P	P	P	P	P	P	P
49	20.849	Bezavada Chandra Sekhar	P	P	a	P	P	P	P	a	a	P	P	P
50	20.850	Syed Safura	P	P	P	P	a	P	P	P	P	P	P	P
51	20.851	Nallagopula Venkata Sai Lakshman	P	P	P	P	P	P	P	P	P	P	P	P
52	20.852	Kalidindi Uday Kumar	P	P	a	P	P	P	P	P	P	P	P	P
53	20.854	Merakanapalli Abhishek	P	P	P	P	P	P	P	P	P	P	P	P
54	20.855	Maddhala Karthik	P	P	P	P	P	a	P	P	P	P	P	P
55	20.856	Shaik Apsarunnisa	P	P	P	P	P	P	P	P	a	P	P	P
56	20.857	Shaik Halimunnisa	P	P	a	P	P	P	P	P	P	P	P	P
57	20.858	Cherukuri Navya	P	P	P	P	P	a	P	P	P	P	P	P
58	20.859	Sharmila	P	P	P	P	P	P	P	P	P	P	P	P
59	20.861	Gummadi Uday Kiran	P	a	P	P	P	P	P	P	P	P	P	P
60	20.862	Gummadi Pavan Kumar	P	P	P	P	P	P	a	P	P	P	P	P
61	20.863	Kodali Mohana Krishna	P	P	P	P	P	P	P	P	P	P	P	P
62	20.864	Chavali Koti Venkata Manikanta Sai	P	P	a	P	P	P	P	P	P	P	P	P
63	20.866	Rayapati Harshini N.V.R.S.Subrahmanyeswari	P	P	P	P	P	a	P	P	P	P	P	P

  
Signature of the Lecturer

  
Signature of the H.O.D.

  
Signature of the Principal

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

Bridge Course

Question Paper

Answer **ALL** questions.

Maximum Marks **10 Marks**

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

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

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

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

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

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

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

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

5) Define Computer? (2 Marks)

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

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

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

**Bridge Course**

**Answer Key**

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

Answer: c) Central Processing Unit

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

Answer: d) I.Q.

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

Answer: a) Hardware

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

Answer: d) VDU

**5)Define Computer?**

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

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

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

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

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

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

Bridge Course

Roll no: - 20.850

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. It has the ability to store, retrieve and process data.

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

Computers are used in every field of life such as homes, business, hospitals & Educational institutes.

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

mouse, keyboard, joysticks, light pen, Trackball  
Touch screen, Touch pad etc.

10  
10

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

Bridge Course

Roll no: -20.732

Question Paper

Answer **ALL** questions.

Maximum Marks **10 Marks**

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

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

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

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

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

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

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

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

5) Define Computer? (2 Marks)

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

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

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

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

Keyboard, Mouse, joystick, light pen, Trackball, Touch screen, Touchpad, Scanner, barcode, Scanner, etc.

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Bridge Course

Roll No: 20.617

Question Paper

Answer **ALL** questions.

Maximum Marks **10 Marks**

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

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

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

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

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

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

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

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

5) Define Computer? (2 Marks)

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

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

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

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

Keyboard, mouse, joystick, light pen, Trackball, Touch Screen, Touchpad, scanner, barcode, scanner, etc.

10  
10

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

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

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Accredited by NAAC with "A" Grade



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

### **Bridge Course**

Department : Economics

Academic year : 2020-21

Semester : I

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class : Ist BA

S. No	Roll No.	Name of the Student	Signature
1	2011001	K. Satya	K. Satya
2	2011002	V. Ganesh	V. Ganesh
3	2011003	K. Balu Shankar	K. Balushankar
4	2011004	T. Veera Venkatesh	T. Veera Venkatesh
5	2011005	G. Siva Naga Babu	G. Siva Naga Babu
6	2011006	S. Charitha Sri	S. Charitha Sri
7	2011007	K. Naga Venkateswara Rao	K. Naga Venkateswara Rao
8	2011008	S. Chandra Sekhar	S. Chandra Sekhar
9	2011009	N. Pragathi Sri	N. Pragathi Sri
10	2011012	V. Gayatri	V. Gayatri
11	2011013	N. Rakesh	N. Rakesh
12	2011016	A. Teja Sree	A. Teja Sree
13	2011019	T. Balavardhan	T. Balavardhan
14	2011020	E. Raju	E. Raju
15	2011022	V. Tarun Kumar	V. Tarun Kumar

N. Prasad

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

B. Balakrishna  
PRINCIPAL

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

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**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.

- L
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.



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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.

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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

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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.

V. Gayatri

QUESTION PAPER



1. Economics is a science which deals with ✓.
  - a. matters and substance
  - b. chemicals and reactions
  - c. human wants and resources
  - d. numbers and combinations
  
2. Microeconomics deals with the study of ✓ economic entities.
  - a. Aggregate
  - b. Individual
  - c. Macro
  - d. Socio
  
3. Macroeconomics deals with ✓ economic entities.
  - a. Aggregate
  - b. Individual
  - c. Micro
  - d. Socio
  
4. ✓ 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. ✓ 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 ✓ 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 a relation between two variables.
  - a. Direct
  - b. Indirect
  - c. Negative
  - d. Horizontal

V. Gayatri

*N. Thirumala*  
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 : 2020-21

Department of: ECONOMICS, Paper: PRINCIPLES OF ECONOMICS.

Lecturer: N. RAMA RAO

Sl. No	Roll No	Student Name	category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1	2011001	K. satya	BCA	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	19
2	2011002	V. Ganesh	BE-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
3	2011003	K. Balu sankar	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
4	2011004	T. Veera Venkatesh		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	19
5	2011005	G. siva Naga Babu		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
6	2011006	S. charitha sri		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
7	2011007	K. Naga Venkateswara Rao		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
8	2011008	S. chandra sekhar	BC-B	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
9	2011011	N. pragathi sri	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
10	2011012	V. Gayatri		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
11	2011013	N. Rakesh	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
12	2011016	A. Teja sree	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
13	2011019	T. Bala vardhan		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
14	2011020	E. Raju	SC	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	19
15	2011022	V. Tarun kumar	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20

N. Ram Rao  
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AG & SG Siddhartha Degree College of  
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# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

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

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade



**Internal Quality Assurance Cell (IQAC)**

## **Bridge Course**

Department	:	ENGLISH
Academic year	:	2020-21
Semester	:	I

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course Student Enrolment Sheet 2020-2021

Class : ALL PROGRAMMES

S. No	Roll No.	Name of the Student	Signatures
1	20.001	Kalapureddy Satya	K. satya
2	20.002	Veligarapu Ganesh	V. Ganesh
3	20.003	Komati Balu Sankar	K. Balu Sankar
4	20.004	Jannu Veera Venkatesh	J. Veera Venkatesh
5	20.005	Goriparthi Siva Naga Babu	G. Siva naga babu
6	20.006	Sannala Charitha Sri	S. Charitha Sri
7	20.007	Komatigunta Naga Venkateswara Rao	K.N.V. RAO
8	20.008	Sonti Chandra Sekhar	S. Chandra sekhar
9	20.009	Mudraboyina Byula Santhi	M. Byula Santhi
10	20.010	Tripuram Vasu Babu	T. Vasu Babu
11	20.011	Nanda Pragathi Sri	N. Pragathi Sri
12	20.012	Valluru Gayathri	V. Gayathri
13	20.013	Nandikota Rakesh	N. Rakesh
14	20.014	Parise Siva Ganesh	P. Siva Ganesh
15	20.015	Sarikonda Raghu Ram Prasad Varma	S. Raghu Ram Prasad Varma
16	20.016	Ambati Teja Sree	A. Teja Sree
17	20.017	Eedupuganti Kartheek	E. Kartheek
18	20.018	Kanumuri Anji Babu	K. Anji Babu
19	20.019	Thalakaturi Balavardhan	T. Balavardhan
20	20.020	Edpuganti Raju	E. Raju
21	20-401	R.Nandini	R. Nandini
22	20-402	G.Bala amaresh	G. Bala amaresh
23	20-403	K.Sudheer	K. Sudheer
24	20-404	V.Supriya	V. Supriya
25	20-405	K.Kalpana	K. Kalpana
26	20-406	C.Lakshmi poornima	C.L. Poornima

27	20-407	M.Maheswari	M. Maheswari
28	20-408	T.Varalakshmi	T. Varalakshmi
29	20-409	E.Alekhyia	E. Alekhya
30	20-410	J.Priyanka	J. Priyanka
31	20-411	K.Bhargavi	K. Bhargavi
32	20-412	S.Naziya sulthana	S. Naziya sulthana
33	20-413	M.Akhil	M Akhil
34	20-414	N.Pavan sai	N. Pavan Sai
35	20-415	I.Manoj kumar	I. manoj kumar
36	20-416	V.Arjun	V. Arjun
37	20-417	V.Jyothi	V. Jyothi
38	20-418	G.Gopala Krishna	G. Gopala Krishna
39	20-419	P.Srihitha	P. Srihitha
40	20-420	M.Rathna reethika	M. Rathna reethika
41	20.301	Bandi Chandrika	B. Chandrika
42	20.302	Bharothu Nagaraju	B. Nagaraju
43	20.303	Banavathu Krishna Nayak	B. Krishna Nayak
44	20.304	Jujjuvarapu Akanksha	J. Akanksha
45	20.305	Arepalli Shamili	A. shamili
46	20.306	Natha Alekya	N. Alekya
47	20.307	Matta Amulya	M. Amulya
48	20.308	Jujjavarapu Suchitha	J. suchitha
49	20.309	Bastati Kranthi	B. Kranthi
50	20.310	Pabolu Mohana Manikanta	P. Mohana Manikanta

1. B. Raj  
2. M. Raj  
3. R.V.V. Arana  
Signature of the lecturer

G. S. S. S.  
Signature of the 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 2020-21.

#### **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 (23-11-2021 to 8-12-2021)

**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**

Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course - Attendance Register**

DEPARTMENT OF ENGLISH

Class / Section: **ALL PROGRAMMES**

Year: **2020-21**

Paper : **I**

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

Sl. No	Roll No	Student Name	Category	23/11	23/11	24/11	24/11	25/11	25/11	26/11	27/11	27/11	28/11	28/11	30/11	30/11	1/12	2/12	2/12	3/12	3/12	4/12	5/12	Total	
1	20.001	Kalapureddy Satya	BC-A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	18	
2	20.002	Veligarapu Ganesh	BC-A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	18	
3	20.003	Komati Balu Sankar	BC-B	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	18	
4	20.004	Jannu Veera Venkatesh	BC-B	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	18	
5	20.005	Goriparthi Siva Naga Babu	BC-D	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	19	
6	20.006	Sannala Charitha Sri	BC-D	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	19	
7	20.007	K. Naga Venkateswara Rao	BC-A	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	18	
8	20.008	Sonti Chandra Sekhar	BC-B	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	18	
9	20.009	Mudraboyina Byula Santhi	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	19	
10	20.010	Tripuram Vasu Babu	BC-D	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	17
11	20.011	Nanda Pragathi Sri	SC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19	
12	20.012	Valluru Gayathri	SC	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	18	







49	20.309	Bastati Kranthi	SC	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	19	
50	20.310	Pabolu Mohana Manikanta	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20

- 1. B. P.
- 2. M.
- 3. R. V. V. Aparna  
(Lecturer)

(H.O.D)

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

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

An Autonomous College in the Jurisdiction of Krishna University

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**2020-21**

## **DEPARTMENT OF HINDI**

### **Bridge Course**

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

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

## HINDI BRIDGE COURSE SYLLUBUS

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









Roll no	Name of the student.	10/2	13/2	15/2	17/2	20/2	23/2	24/2	Marks
901	P. kumar swami	P	P	P	P	P	P	P	10
902	sk. Bibi Ayesha	P	P	P	P	P	P	P	10
904	P. sravanthi	P	P	P	P	P	P	P	10
905	Ab. kalam	P	P	P	P	P	P	P	10
906	V. Ravi Teja	P	P	P	P	P	P	P	10
907	B. prasantha kumari	P	P	P	P	P	P	P	9
909	N.C.T.S swamy	P	P	P	P	P	P	P	9
910	Mamilla vineela	P	P	P	P	P	P	P	9
912	kurdeti. Rachana	P	P	P	P	P	P	P	10
916	Ch. Deepika	P	P	P	P	P	P	P	9
917	G. Ananksha valli	P	P	P	P	P	P	P	10
923	V. sravya	P	P	P	P	P	P	P	9
925	P. Rajesh	P	P	P	P	P	P	P	10
926	V. Hounika	P	P	P	P	P	P	P	10
927	T. surya.	P	P	P	P	P	P	P	10

Sn. Anand  
Sign of Hod



BRIDGE COURSE HINDI QUESTION PAPER

10  
10

sk. Ayesha 20-743

1. हिन्दी वर्णमाला लिखिए 1X4=4M  
अ आ इ ई उ ऊ ए औं औँ अः अः  
क ख ग घ ङ  
च छ ज झ ञ  
ट ठ ड ढ ण  
त थ द ध व  
प फ ल श स  
य र ल व श ष ह झ ञ क्ष त्र वृ

2. क वर्ग का बारह खड़ी लिखिए । 1X2=2M

क का की कि कु कू कु कैं कैं कैं  
का का का

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

1. क्य 2. क्त

4. उक्त लेखन 1X2=2M

1. चर्च  
2. पुरस्कार

BRIDGE COURSE HINDI QUESTION PAPER

10  
16

Deverapalli Geethika 20-6-22

1. हिन्दी वर्णमाला लिखिए 1X4=4M  
अ आ इ ई उ ऊ ऋ एँ ओ औ अः अः  
क ख ग घ ङ  
च छ ज झ ञ  
ट ठ ड ढ ण  
त थ द ध व  
प फ ब भ म  
य र ल व श ष ह स ह क्ष न्न वी

2. क वर्ग का बारह खड़ी लिखिए । 1X2=2M

का की कि कु कू कु के के का का के कः

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

1. व्यं 2. क्त

4. उक्त लेखन 1X2=2M

1. धैर्य 2. पुरस्कार

# **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 ISO 9001:2015 Certified Institution



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

### **Bridge Course**

Department	:	HISTORY
Academic year	:	2020-2021
Semester	:	I SEMESTER

**Bridge Course**

**Student Enrolment Sheet**

**Class : I.B.A**

S. No	Roll No.	Name of the Student	Signature
1	2011001	kalapureddy . satya	k. satya
2	2011002	veligarapu . Ganesh.	v. ganesh
3	2011003	komati. Balu sankar.	k. Sankar
4	2011008	sonti. chandra sekhar.	s. chandra sekhar
5	2011010	Tripuram. uasu babu.	T. Vasu babu
6	2011011	nanda. pragathi. Sri.	pragathi Sri
7	2011013	nandikota . Rakesh	N. Rakesh
8	2011014	parise siva Ganesh	P. Siva Ganesh
9	2011016	Ambathi. Teja sree.	A. Teja Sree
10	2011018	kanumuni. Anji Babu.	k. Anji Babu
11	2011020	Edupruganti. Raju.	E. Raju
12	2011021	Matta. Pavan Kumar.	M. Pavan Kumar
13	2011022	vuyyuru. Tarun Kumar.	V. Tarun Kumar
14	2011024	Dellaraipalli. pramod.	G. Meen D. Pramod
15	2011026	Bandi. Govardhana.	B. Govardhana

*D. Raju*

*D. Balakrishna*  
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 6<sup>th</sup> 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 Pandya was Madurai
- B. The capital of Cheras was Vanchi
- C. Capital of the Videha Kingdom – Mithila
- D. Capital of Gahadwal Dynasty – Kannauj

**Ans: B**

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

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

**Ans: A**

**7. Upanishads are books on :**

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

**Ans: B**

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

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

**Ans: C**

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

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



**Ans: B**

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

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

**Ans: D**

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

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

**Ans: A**

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

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

**Ans: D**

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

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

**Ans: D**

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

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

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

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

17  
—  
20

[D]

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

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

[D]

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

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

[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

[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

[B]

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. Upanishads 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

[D]

11. Where were the hymns of Rigveda composed?

A. Punjab

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

[A] ✓

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

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

[A] ✓

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

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

[B] ✓

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

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

[B] ✓

**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?**

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

[A] ✓

D. Krishna III was the last Rashtrakuta king.

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

I. In the 326 BC Alexander invaded India.

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

III. Alexander died in 332 BC

A. All are correct

B. Only I, III

C. Only I, II

D. II, III

[C]

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

A. Alexander the Great

B. Darius III

C. King Porus

D. Chandragupta Maurya

[C]

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

A. Harsha

B. Pulakesin II

C. Rajyavardhana

D. Skandagupta

[A]

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

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

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

III. Vikramaditya I died in 608 A.D.

A. All are correct

B. Only I

C. Only II, III

D. Only I, III

[D]

**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: Ist BA

Year : 2020-21 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	2011001	Kalapureddy. Satya	BCA	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	18
2	2011002	Veligarapu. Ganesh	Bc-A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	18
3	2011003	Komati. Babu Sankar	Bc-D	P	P	P	P	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	17
4	2011008	Sonti. chandra sekhar	BC-B	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	18
5	2011010	Tripuram. vasu babu	Bc-D	P	P	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	A	P	P	16
6	2011011	Nanda. pragathi sri	SC	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	A	P	P	A	P	16
7	2011013	Nandiketa. Rakesh	SC	P	P	P	P	A	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	17
8	2011014	parise siva Ganesh	Bc-D	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	18	
9	2011016	Ambathi. Teja sree	Bc-A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	18
10	2011018	Kanumuri. Anji Babu	Bc-A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	18
11	2011020	Edupruganti. Raju	SC	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	18	
12	2011021	Matta. pavan kumar	SC	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	18	
13	2011022	Vuyyuru. Tarun Kumar	SC	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	18	
14	2011024	Devarapalli. pramod.	SC	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	18
15	2011026	Bandi. Govardhana	SC	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	18

*D. Raju*

Head, Department of History

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

*D. Lakshmi*  
PRINCIPAL

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



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

Vuyyuru-521165, Krishna District, Andhra Pradesh

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

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

### **Bridge Course**

Department : MATHEMATICS

Academic year : 2020-21

Semester : I

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

I Year B.Sc. MPC (Telugu Medium) ; Year :: 2020-2021

S.No:	Roll.No	Student Name	Signature
1	20.201	Anagani Tejaswini	A. Tejaswini
2	20.202	Ayesha Siddikha	A. Siddikha
3	20.203	Goga Sivani	G. Sivani
4	20.204	Songa Blandin	G. Blandin
5	20.205	Kalapala Sandhya	P. Sandhya
6	20.206	Juvvanapudi Sneha	J. sneha
7	20.207	Botsa Kavita	B. kavita
8	20.208	Puttupu Mounika	P. mounika
9	20.209	Loya Durga Bhavani	L. D. Bhavani
10	20.210	Loya Himabindu	L. Himabindu
11	20.211	Kothapalli Mahalakshmi	K. Mahalakshmi
12	20.212	Chandolu Munni	C. Munni
13	20.213	Kopparaju Aswitha	K. Aswitha
14	20.214	Sunkara Divija Vyshnavi	S. D. Vyshnavi
15	20.215	Bellam Pujitha	B. Pujitha
16	20.216	Chopparapu Manoj	C. Manoj
17	20.217	Pantla Ganesh	P. Ganesh
18	20.218	Arilli Vasudeva Rao	A. Vasudeva Rao
19	20.219	Vaka Venkatasambasiva Rao	V. V. Rao
20	20.220	Dokku Venkata Satya Vamsi	D. V. Satya Vamsi
21	20.221	Goriparthi Ravi Teja	G. Ravi Teja
22	20.222	Arepalli Naga Sai	A. Naga Sai
23	20.223	Medapati Veera Kumar	M. Veera Kumar
24	20.224	Thumati Vinod Kumar	T. Vinod Kumar
25	20.225	Kondeti Nagababu	K. Nagababu
26	20.226	Mandapaka Venkata Siva Naga Sai	M. V. S. Sai
27	20.227	Pedapudi Smily	P. Smily
28	20.228	Syed Ibrahim (Spot Admission)	S. Ibrahim
29	20.229	Maddula Sai Teja	M. Sai Teja

*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  
Bridge Course Student Enrolment Sheet

I Year B Sc. MPC (English Medium) ; Year :: 2020-2021

S No	Roll.No	Student Name	Signature
1	20 401	Ratnam Nandini	R. Nandini
2	20 402	Gade Bala Amaresh	G. Bala Amaresh
3	20 403	Kurapati Sudheer	K. Sudheer
4	20 404	Velamarthi Supriya	V. Supriya
5	20 405	Komaravalli Kalpana	K. Kalpana
6	20 406	Chinamuttevi Lakshmi Poornima	C. Lakshmi Poornima
7	20 407	Maridu Maheswari	M. Maheswari
8	20 408	Tata Varalakshmi	T. Varalakshmi
9	20 409	Ede Alekhya	E. Alekhya
10	20 410	Jampana Priyanka	J. Priyanka
11	20 411	Kollipara Bhargavi	K. Bhargavi
12	20 412	Shaik Naziya Sultana	S. Naziya Sultana
13	20 413	Motupalli Akhil	M. Akhil
14	20 414	Naralasetti Pavan Sai	N. Pavan Sai
15	20 415	Ippili Manoj Kumar	I. Manoj Kumar
16	20 416	Venigalla Arjun	V. Arjun
17	20 417	Vaja Jyothi	V. Jyothi
18	20 418	Gambhirapu Gopala Krishna	G. G. Krishna
19	20 419	Puttupu Srihitha	P. Srihitha
20	20 420	Mocharla Ratna Reethika	M. R. Reethika
21	20 421	Pamarthi Venkata Tarun Kumar	P. V. Kumar
22	20 422	Kastala Supraja	K. Supraja
23	20 423	Syed Maimunnisa	S. Maimunnisa
24	20 424	Bandrapalli Srikala	B. Srikala
25	20 425	Gummadi Maneesha	G. Maneesha
26	20 426	Karimikonda Venkata Rohit(Spot Admission)	K. V. Rohit
27	20 427	Velagapudi Poorna Chandra Gandhi(Spot Admi.)	V. P. C. Gandhi
28	20.428	Nakka Tarun	N. Tarun

*A. Bhaskarani*  
Signature of the Lecturer

*N.V. [Signature]*  
Signature of the HOD

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

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

I Year B.Sc. MPCs (English Medium) [U.A.] ; Year :: 2020-2021

S No	Roll.No	Student Name	Signature
1	20 601	Chillimuntha Lokesh	ch.lokejh.
2	20 602	Loya Naga Padma	L.N.Padma
3	20 603	Seelam Samuel	S.Samuel
4	20 604	Pulipaka Chakradhar	P.chakradhar
5	20 605	Alaparthy Kumar Venkata Sai Kiran	A.k.v.sai kiran
6	20 606	Elusuri Poojitha	E.Poojitha
7	20 607	Rebba Bhanu Sree	R.Bhanu Sree
8	20 608	Busi Manjusha	B.Manjusha
9	20 609	Gopalajoshula Prathyusha	G.Prathyusha
10	20 610	Kolluri Likitha	k.Likitha
11	20 611	Kurapati Harika	k.Harika
12	20 612	Goriparthi Sampurna	G.Sampurna
13	20 613	Kolli Naga Tirumala Reddy	K.N.Tirumala Reddy
14	20 614	Namala V V Sandhya	N.v.v.Sandhya
15	20 615	Tumuluri Yogambika	T.Yogambika
16	20 616	Arilli Veeramma	A.Veeramma
17	20 617	Gangireddy Jahnvi	G.Jahnvi
18	20 618	Katta Pravalika	k.Pravalika
19	20 619	Kagitha Hinduja	k.Hinduja
20	20 620	Ede Sravani Durga Devi	E.S.Durgadevi
21	20 621	Munipalli Ajay	M.Ajay
22	20 622	Dasari Naga Mallika	D.Nagamallika
23	20 623	Savalaparapu Indu	S.Indu
24	20 624	Juvvanapudi Sai Kiran	J.Sai kiran
25	20 625	Taviti Ratna Kumari	T.Ratna kumari
26	20 626	Parimi Prem Chand	P.Prem chand
27	20 627	Arepalli Radhika	A.Radhika
28	20 628	Shaik Sabiha Tasleem	A.Sabiha
29	20 629	Vasadi Radha	v.Radha.
30	20 630	Chittibomma Poorna Chandra Moulika	c.p.c.Moulika
31	20 631	Dokku Gnana Prasanna	D.G.Prasanna
32	20 632	Dekka Satish Kumar	sathishkumar
33	20 633	Dabbada Sai	D.Sai
34	20 634	Mareedu Aliveni	M.Aliveni
35	20 635	Govada Pratyusha	G.Pratyusha
36	20 636	Goriparthi Lakshmi Tulasi	G.L.Tulasi
37	20 637	Prattipati Nagamani	P.Nagamani
38	20 638	Guduru Charitha	G.charitha
39	20 639	Abdul Aasiya Sultana	Abdul Aasiya
40	20 640	Kondiparthi Uma Venkata Naga Lakshmi	k.uma Venkata Naga lakshmi
41	20 641	Shaik Shafi	s.k. Shafi

42	20 642	Bandapalli Govinda Kalyan	B. Kalyan
43	20 643	Jampana Anka Venkateswaramma	J. Venkateswaramma
44	20 644	Todeti Roshini	T. Roshini
45	20 645	Mallampalli Lakshmi Kanth	M. Lakshmi Kanth
46	20 646	Nakka Shanmukha Venkata Naga Manohar Babu	Manohar Babu
47	20 647	Sankonda Sekha Vamsi Krishnam Raju	Vamsi Krishnam Raju
48	20 648	Valluru Meghana	V. Meghana
49	20 649	Dokku Lavanya	D. Lavanya
50	20 650	Abdul Ameera	Abdul Ameera
51	20 651	Mohammad Rouf	MD. Rouf
52	20 652	Nidumolu Nagabhavani	N. Naga Bhavani
53	20 653	Kurni Nithin	K. Nithin
54	20 654	Baig Rahimunnisa	Rahimunnisa
55	20 655	Shaik Jakeerunnisa	Jakeerunnisa
56	20 656	Katuri Geetha	K. Geetha
57	20 657	Mekala Bindu Latha	M. Bindu Latha
58	20 658	Chinnam Anil Kumar	Anil Kumar
59	20 659	Velugu Madhu Sudhana Rao	Madhu Sudhana Rao
60	20 660	Kapileswarapu Rohith	K. Rohith
61	20 661	Konatham Siva Venkata Subrahmanyam	K. Subrahmanyam
62	20 662	Ila Sandeep Kumar	Sandeep Kumar
63	20 663	Tadikonda Pavani	T. Pavani
64	20 664	Vanukuru Siva Sai Karthik	V. S. S. Karthik
65	20 665	Movva Ram Koteswara Rao	M. Ram Koteswara Rao
66	20 666	Vampugadavala Dwaraka	V. Dwaraka
67	20 667	Korivi Monika	K. Monika
68	20 668	Vaddapalli Bhargavi	V. Bhargavi
69	20 669	Mohammad Naziya Sulthana	M. Naziya
70	20 670	Kolluri Supraja	K. Supraja
71	20 671	Morampudi Meghana	M. Meghana
72	20 672	Devarapalli Geethika	D. Geethika
73	20 673	Abdul Asmathulla	Abdul Asmathulla
74	20 674	Bolem Sreshta	B. Sreshta
75	20 675	Chagantipati Hema Madhuri	Ch. Hema Madhuri
76	20 676	Maripi Veera Kumari	M. Veera Kumari
77	20 677	Akula Durga Venkata Subhashini	A. D. V. Subhashini
78	20 678	Pabba Shanmukha Chandu	P. Shanmukha Chandu
79	20 679	Gurvindapalli Sireesha	G. Sireesha
80	20 680	Shaik Mansurunnisa	S. K. Mansurunnisa
81	20 681	Jujuvarapu Vennela	J. Vennela

A. Shergain  
Signature of the Lecturer

N. V. [Signature]  
Signature of the HOD  
Department of Management Studies  
A.G. & S.G.S. College for Women  
VUYYURU - 521 106

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

I Year B Sc. MCCs (English Medium) [U.A.] ; Year :: 2020-2021

S No	Roll.No	Student Name	Signature
1	20 701	Vemula Kavya Naga Sri	V. Kavya
2	20 702	Dronadula Hemanjali	D. Hemanjali
3	20 703	Dekka Kavitha	D. Kavitha
4	20 704	Jujuvarapu Venkateswara Rao	T. Venkateswara Rao
5	20 705	Mirza Hasan Abbas	Hasan Abbas
6	20 706	Marepalli Venkata Naga Sai Pavan Kumar	Nagasai Pavan Kumar
7	20 707	Aluri Bhavya Sri	A. Bhavya Sri
8	20 708	Samayamanthula Sandeep	S. Sandeep
9	20 709	Kalapala Dinesh	K. Dinesh
10	20 710	Jogi Gowthami	J. Gowthami
11	20 711	Jonnalagadda Kusuma	J. Kusuma
12	20 712	Perlapudi Pranadeep	P. pranadeep
13	20 713	Devabathina Satyadev	D. Satya Dev
14	20 714	Somayajula S M K. Chaitanya	chaitanya
15	20 715	Vukoti Naga Veera Sai	V. Naga Veera Sai
16	20 716	Suriseti Navya	S. Navya
17	20 717	Todeti Ajay Babu	T. Ajay
18	20 718	Yelivelu Venkata Jaya Ram	Y.V. Jaya Ram
19	20 719	Pagolu Sri Lekha	P. Sri Lekha
20	20 720	Darapu Vanitha	D. Vanitha
21	20 721	Kaitepalli Teja Sri	K. Teja Sri
22	20 722	Potluri Sravan Kumar	P. Sravan
23	20 723	Tummala Akanksha	T. Akanksha
24	20 724	Tadepalli Anusha	T. Anusha
25	20 725	Chalapati Venkata Naga Lakshmi	Ch.V. Naga Lakshmi
26	20 726	Potturi Krishna Bhuvaneswari	P. Bhuvaneswari
27	20 727	Nunna Pedda Bala Siva Nagamani	Siva Nagamani
28	20 728	Kagithala Durga Prasad	Durga Prasad
29	20 729	Sangala Bhavana	Bhavana
30	20 730	Thota Lavanya	T. Lavanya
31	20 731	Gurrala Naga Sirisha	Naga Sirisha
32	20 732	Kunchala Bhargavi	K. Bhargavi
33	20 733	Bolledu Naga Lakshmi	B.N. Lakshmi
34	20 734	Nagarakanti Vujwala	N. V. Vujwala
35	20 735	Rajulapati Bhavana	R. Bhavana
36	20 736	Derangula Durga Anjaneyulu	D. D. Anjaneyulu
37	20 737	Kamodula Tulasi Ram	K. T. Ram
38	20 738	Runku Sateesh	R. Sateesh
39	20 739	Konatham Siva Naga Pavani	K.S.N. pavani
40	20 740	Peram Jyothiramai	P. Jyothiramai
41	20 741	Gopalajoshula Prasanna Sai	G. prasanna Sai
42	20 742	Ande Madhu Babu	A. Madhu Babu
43	20 743	Sheik Ayesha	S. Ayesha
44	20 744	Mohammad Shaida Mansuri	M. S. Mansuri
45	20 745	Agnihotram Sai Vaishnavi	A. S. Vaishnavi
46	20 746	Mareedu Tejaswi	M. Tejaswi
47	20 747	Nalukurti Vinodh Babu	N.V. Babu
48	20 748	Bandaru Abhilash	B. Abhilash
49	20 749	Ede Pavan Kumar	E. Pavan
50	20 750	Kolluri Manoj Kumar	K. Manoj Kumar

*A. Bhogai*  
Signature of the Lecturer

Head of the Department  
 Department of English  
 S.E.S. Degree College  
 VUYYURU

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

Bridge Course

Academic Year: 2020-21

## 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**  
 Bridge Course Attendance

I Year B Sc. MPC (Telugu Medium) ; Year :: 2020-2021

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	20 201	Anagani Tejaswini	F	BC-B			A	A	A	A	A	A	A	A	A	A	A	A	A
2	20 202	Ayesha Siddikha	F	BC-E			P	A	P	P	P	P	P	P	P	P	P	P	P
3	20 203	Goga Sivani	F	BC-D			P	P	P	P	P	P	P	P	P	P	P	P	P
4	20 204	Songa Blandin	F	SC			P	P	P	A	P	P	P	P	P	A	P	P	P
5	20 205	Kalapala Sandhya	F	SC			P	P	P	P	A	P	P	P	A	P	P	P	P
6	20 206	Juvvanapudi Sneha	F	SC			P	P	P	P	P	A	P	P	A	P	P	P	P
7	20 207	Botsa Kavita	F	BC-D			P	P	P	P	P	A	P	P	A	P	P	P	P
8	20 208	Puttupu Mounika	F	BC-D			P	P	P	P	P	A	P	P	P	P	P	P	P
9	20 209	Loya Durga Bhavani	F	BC-D			P	P	P	P	A	P	P	P	P	P	P	P	P
10	20 210	Loya Himabindu	F	BC-D			P	P	P	P	A	P	P	P	P	P	P	P	P
11	20 211	Kothapalli Mahalakshmi	F	BC-A			P	P	P	A	P	P	P	P	A	P	P	P	P
12	20 212	Chandolu Munni	F	SC			P	P	P	P	P	P	P	P	P	A	P	P	P
13	20 213	Kopparaju Aswitha	F	OC			A	P	P	P	P	P	P	P	P	A	P	P	P
14	20 214	Sunkara Divija Vyshnavi	F	OC			A	P	P	P	P	P	P	P	P	A	P	P	P
15	20 215	Bellam Pujitha	F	BC-D			P	A	P	P	P	P	P	P	P	A	P	P	P
16	20 216	Chopparapu Manoj	M	OC			P	P	P	A	P	P	P	P	P	P	P	P	A
17	20 217	Pantla Ganesh	M	BC-D			P	P	P	P	P	P	P	P	P	P	P	P	A
18	20 218	Anili Vasudeva Rao	M	OC			P	P	P	P	P	P	P	P	P	P	P	P	A
19	20 219	Vaka Venkatasambasiva Rao	M	OC			P	P	P	P	P	P	P	P	P	P	P	P	P
20	20 220	Dokku Venkata Satya Vamsi	M	BC-D			P	P	P	P	P	P	P	P	P	P	P	P	P
21	20 221	Goriparthi Ravi Teja	M	BC-D			P	P	P	P	P	P	P	P	P	P	P	P	P
22	20 222	Arepalli Naga Sai	M	BC-B			P	P	P	P	P	P	P	P	P	P	P	P	P
23	20 223	Medapati Veera Kumar	M	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
24	20 224	Thumati Vinod Kumar	M	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
25	20 225	Kondeti Nagababu	M	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
26	20 226	Mandapaka Venkata Siva Naga Sai	M	BC-B			P	P	P	P	P	P	P	P	P	P	P	P	P
27	20 227	Pedapudi Smily	F	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
28	20 228	Syed Ibrahim(Spot Admission)	M	BC-E			A	P	P	P	P	P	P	P	P	P	P	P	P
29	20 229	Maddula Sai Teja	M	SC			P	P	P	P	P	P	P	P	P	P	P	P	P

formulas on  
 Differential  
 equations  
 formulas on  
 Integrations  
 formulas on  
 Trigonometry  
 formulas on  
 Higher order differ-  
 al equations

*A. Bhavan*  
 Signature of the Lecturer

Head of the Department  
 Department of Mathematics  
 A. S. S. Degree College  
 Vuyyuru - 521 160



AG & SG Siddhartha Degree College of Arts & Science (Autonomous), Vuyyuru  
 I Year B.Sc. MPC (English Medium) ; Year :: 2020-2021

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	20 401	Ratnam Nandini	F	OC			A	P	P	P	P	P	P	P	P	P	A	P	P
2	20 402	Gade Bala Amaresh	M	OC			P	A	P	P	P	P	P	P	P	P	P	A	P
3	20 403	Kurapati Sudheer	M	SC			P	P	A	P	P	P	P	P	P	P	P	P	A
4	20 404	Velamarthi Supriya	F	SC			P	P	P	A	P	P	P	P	P	P	P	A	P
5	20 405	Komaravalli Kalpana	F	SC			P	P	P	P	A	P	P	P	P	P	A	P	P
6	20 406	Chinamuttevi Lakshmi Poornima	F	BC-A			P	P	P	P	P	A	P	P	P	A	P	P	P
7	20 407	Mandu Maheswari	F	BC-B			P	P	P	P	P	A	P	P	A	P	P	P	P
8	20 408	Tata Varalakshmi	F	BC-B			P	P	P	P	P	P	A	P	P	P	P	P	P
9	20 409	Ede Alekhya	F	BC-B			P	P	P	P	P	A	P	P	A	P	P	P	P
10	20 410	Jampana Priyanka	F	BC-D			P	P	P	P	P	A	P	P	A	P	P	P	P
11	20 411	Kollipara Bhargavi	F	BC-D			P	P	P	P	A	P	P	P	P	A	P	P	P
12	20 412	Shaik Naziya Sultana	F	BC-E			P	P	P	P	A	P	P	P	P	A	P	P	P
13	20 413	Motupalli Akhil	M	SC			P	P	P	A	P	P	P	P	P	P	A	P	P
14	20 414	Naralasetti Pavan Sai	M	OC			P	P	A	P	P	P	P	P	P	P	P	A	P
15	20 415	Ippili Manoj Kumar	M	BC-D			P	P	P	P	P	P	P	P	P	P	P	A	P
16	20 416	Venigalla Arjun	M	OC			P	P	A	P	P	P	P	P	P	P	P	A	P
17	20 417	Vaja Jyothi	F	OC			P	P	P	P	P	P	P	P	P	P	P	P	A
18	20 418	Gambhirapu Gopala Krishna	M	BC-A			P	P	P	P	P	P	P	P	P	P	P	A	P
19	20 419	Puttupu Snehitha	F	OC			P	P	P	P	P	P	P	P	P	P	A	P	P
20	20 420	Mocharia Ratna Reethika	F	SC			P	P	P	P	P	A	P	P	P	A	P	P	P
21	20 421	Pamarthi Venkata Tarun Kumar	M	BC-B			P	P	P	P	P	P	A	P	P	A	P	P	P
22	20 422	Kastala Supraja	F	OC			P	P	P	P	P	P	P	A	P	P	P	P	P
23	20 423	Syed Maimunnisa	F	BC-E			P	P	P	P	P	P	A	P	P	A	P	P	P
24	20 424	Bandrepalli Srikala	F	SC			P	P	P	P	P	A	P	P	P	A	P	P	P
25	20 425	Gummadi Maneesha	F	SC			P	P	P	P	P	A	P	P	P	A	P	P	P
26	20 426	Kanmikonda Venkata Rohit(Spot Admission)	M	OC			P	P	P	A	P	P	P	P	P	P	A	P	P
27	20 427	Velagapudi Poorna Chandra Gandhi(Spot.Admi.)	M	OC			P	P	A	P	P	P	P	P	P	P	A	P	P
28	20 428	Nakka Tarun	M	SC			P	P	P	P	P	P	P	P	P	P	A	P	P

Formulas on Differential Equations  
 Formulas on Integral Equations  
 Formulas on Trigonometry  
 Formulas on Highest Order differential Equations-I  
 Formulas on Highest Order differential Equations-II

Signature of the Lecturer

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

AG & SG Siddhartha Degree College of Arts & Science (Autonomous), Vuyyuru  
 1 Year B.Sc. MPCs (English Medium) [U.A.] ; Year :: 2020-2021

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	20 601	Chilimuntha Lokesh	M	BC-B			A	P	P	P	P	P	P	P	P	P	P	P	P
2	20 602	Loya Naga Padma	F	BC-D			P	A	P	P	P	P	P	P	P	P	P	P	P
3	20 603	Seelam Samuel	M	BC-C			P	P	A	P	P	P	P	P	P	P	P	P	P
4	20 604	Pulpaka Chakradhar	M	SC			P	P	P	A	P	P	P	P	P	P	P	P	P
5	20 605	Alaparthi Kumar Venkata Sai Kiran	M	OC			P	P	P	P	P	P	P	P	P	P	P	P	P
6	20 606	Elusuri Poojitha	F	BC-A			P	P	P	P	A	P	P	P	P	P	P	P	P
7	20 607	Rebba Bhanu Sree	F	BC-B			P	P	P	P	A	P	P	P	P	P	P	P	P
8	20 608	Busi Manjusha	F	SC			P	P	P	A	P	P	P	P	P	P	P	P	P
9	20 609	Gopalajoshula Prathyusha	F	OC			P	P	P	A	P	P	P	P	P	P	P	P	P
10	20 610	Kolluri Likitha	F	SC			P	A	P	P	P	P	P	P	P	P	P	P	P
11	20 611	Kurapati Harika	F	BC-D			A	P	P	P	P	P	P	P	P	P	P	P	P
12	20 612	Goriparthi Sampoorna	F	BC-D			A	P	P	P	P	P	P	P	P	P	P	P	P
13	20 613	Kolli Naga Tirumala Reddy	M	OC			P	A	P	P	P	P	P	P	P	P	P	P	P
14	20 614	Namala V V Sandhya	F	OC			P	P	A	P	P	P	P	P	P	P	P	P	P
15	20 615	Tumuluri Yogambika	F	BC-A			P	P	P	A	P	P	P	P	P	P	P	P	P
16	20 616	Ariili Veeramma	F	OC			P	P	P	P	A	P	P	P	P	P	P	P	P
17	20 617	Gangireddy Jahnavi	F	OC			P	P	P	P	A	P	P	P	P	P	P	P	P
18	20 618	Katta Pravalika	F	BC-D			P	P	P	P	P	A	P	P	P	P	P	P	P
19	20 619	Kagitha Hinduja	F	BC-B			P	P	P	P	P	A	P	P	P	P	P	P	P
20	20 620	Ede Sravani Durga Devi	F	BC-B			P	P	P	P	P	P	P	P	P	P	P	P	P
21	20 621	Munipalli Ajay	M	SC			P	P	P	P	A	P	P	P	P	P	P	P	P
22	20 622	Dasari Naga Mallika	F	SC			P	P	P	A	P	P	P	P	P	P	P	P	P
23	20 623	Savalaparapu Indu	F	BC-B			P	P	A	P	P	P	P	P	P	P	P	P	P
24	20 624	Juvvanapudi Sai Kiran	M	SC			A	P	P	P	P	P	P	P	P	P	P	P	P
25	20 625	Taviti Ratna Kumari	F	SC			P	A	P	P	P	P	P	P	P	P	P	P	P
26	20 626	Parimi Prem Chand	M	SC			P	P	A	P	P	P	P	P	P	P	P	P	P
27	20 627	Arepalli Radhika	F	BC-B			P	P	P	A	P	P	P	P	P	P	P	P	P
28	20 628	Shaik Sabiha Tasleem	F	BC-E			P	P	P	P	P	P	P	P	P	P	P	P	P
29	20 629	Vasadi Radha	F	BC-B			P	P	P	P	A	P	P	P	P	P	P	P	P
30	20 630	Chittibomma Poorna Chandra Moulika	F	BC-B			P	P	P	P	P	P	P	P	P	P	P	P	P
31	20 631	Dokku Gnana Prasanna	F	BC-D			P	P	P	P	P	P	P	P	P	P	P	P	P
32	20 632	Dekka Satish Kumar	M	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
33	20 633	Dabbada Sai	M	BC-D			P	P	P	A	P	P	P	P	P	P	P	P	P
34	20 634	Mareedu Aliveni	F	BC-B			P	P	P	P	P	P	P	P	P	P	P	P	P
35	20 635	Govada Pratyusha	F	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
36	20 636	Goriparthi Lakshmi Tulasi	F	BC-D			P	P	P	P	P	P	P	P	P	P	P	P	P

*A. Bhargavi*  
 Signature of the Lecturer

Head of the Department  
 Department of Mathematics  
 Signature of the Head of the Department  
 VUYURU

*Formulas on Diff*  
*Formulas on Calculus*  
*Formulas on Algebra*  
*Formulas on Trigonometry*  
*Formulas on Higher*  
*Formulas on Diff*  
*Formulas on*



76	20 676	Maripi Veera Kumari	F	BC-D	P	P	A	P	P	P	P	P	A	P	P	P	P	P
77	20 677	Akula Durga Venkata Subhashini	F	OC	P	P	P	A	P	P	P	P	A	P	P	P	P	P
78	20 678	Pabba Shanmukha Chandu	M	BC-B	P	P	P	P	A	P	P	P	P	P	P	P	P	P
79	20 679	Gurvindapalli Sireesha	F	SC	P	P	P	P	A	P	P	P	P	P	P	P	P	P
80	20 680	Shaik Mansurunnisa	F	BC-E	P	P	P	P	A	P	P	P	P	P	P	P	P	P
81	20 681	Jujjuvarapu Vennela	F	SC	P	P	P	A	P	P	P	P	A	P	P	P	P	P

AG & SG Siddhartha Degree College of Arts & Science (Autonomous), Vuyyuru  
 1 Year B Sc. MCCs (English Medium) [U.A.] ; Year :: 2020-2021

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	20 701	Vemula Kavya Naga Sri	F	BC-B			P	P	P	P	P	P	P	P	P	P	P	P	P
2	20 702	Dronadula Hemanjali	F	BC-D			P	P	P	P	P	P	P	P	P	P	P	P	P
3	20 703	Dekka Kavitha	F	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
4	20 704	Jujjuvarapu Venkateswara Rao	M	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
5	20 705	Mirza Hasan Abbas	M	BC-E			P	P	P	P	P	P	P	P	P	P	P	P	P
6	20 706	Marepalli Venkata Naga Sai Pavan Kumar	M	OC			P	P	P	P	P	P	P	P	P	P	P	P	P
7	20 707	Aluri Bhavya Sri	F	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
8	20 708	Samayamanthula Sandeep	M	OC			P	P	P	P	P	P	P	P	P	P	P	P	P
9	20 709	Kalapala Dinesh	M	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
10	20 710	Jogi Gowthami	F	BC-B			P	P	P	P	P	P	P	P	P	P	P	P	P
11	20 711	Jonnalagadda Kusuma	F	BC-D			P	P	P	P	P	P	P	P	P	P	P	P	P
12	20 712	Perlapudi Pranadeep	M	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
13	20 713	Devabathina Satyadev	M	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
14	20 714	Somayajula S. M. K. Chaitanya	M	OC			P	P	P	P	P	P	P	P	P	P	P	P	P
15	20 715	Vukoti Naga Veera Sai	M	BC-A			P	P	P	P	P	P	P	P	P	P	P	P	P
16	20 716	Sunsetti Navya	F	OC			P	P	P	P	P	P	P	P	P	P	P	P	P
17	20 717	Todeti Ajay Babu	M	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
18	20 718	Yelivelu Venkata Jaya Ram	M	BC-B			P	P	P	P	P	P	P	P	P	P	P	P	P
19	20 719	Pagolu Sri Lekha	F	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
20	20 720	Darapu Vanitha	F	BC-A			P	P	P	P	P	P	P	P	P	P	P	P	P
21	20 721	Katapalli Teja Sri	F	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
22	20 722	Potlun Sravan Kumar	M	OC			P	P	P	P	P	P	P	P	P	P	P	P	P
23	20 723	Tummala Akanksha	F	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
24	20 724	Tadepalli Anusha	F	BC-A			P	P	P	P	P	P	P	P	P	P	P	P	P
25	20 725	Chalapati Venkata Naga Lakshmi	F	BC-B			P	P	P	P	P	P	P	P	P	P	P	P	P
26	20 726	Pottun Krishna Bhuvanewari	F	SC			P	P	P	P	P	P	P	P	P	P	P	P	P
27	20 727	Nunna Pedda Bala Siva Nagamani	F	BC-A			P	P	P	P	P	P	P	P	P	P	P	P	P
28	20 728	Kagithala Durga Prasad	M	BC-A			P	P	P	P	P	P	P	P	P	P	P	P	P
29	20 729	Sangala Bhavana	F	OC			P	P	P	P	P	P	P	P	P	P	P	P	P

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 on Trig  
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 formulas  
 on Higher  
 Algebra  
 Equations

30	20 730	Thota Lavanya	F	BC-D	A	P	P	P	P	P	P	P	P	P	A	P	P
31	20 731	Gurrala Naga Sirisha	F	OC	P	A	P	P	P	P	P	P	P	P	A	P	P
32	20 732	Kunchala Bhargavi	F	BC-A	P	P	A	P	P	P	P	P	P	P	A	P	P
33	20 733	Bolleddu Naga Lakshmi	F	SC	P	P	P	A	P	P	P	P	P	P	A	P	P
34	20 734	Nagarakanti Vujwala	F	BC-A	P	P	P	P	A	P	P	P	P	P	A	P	P
35	20 735	Rajulapati Bhavana	F	BC-B	P	P	P	P	P	A	P	P	P	P	A	P	P
36	20 736	Derangula Durga Anjaneyulu	M	BC-A	P	P	P	P	A	P	P	P	P	P	A	P	P
37	20 737	Kamodula Tulasi Ram	M	BC-D	P	P	P	P	A	P	P	P	P	P	A	P	P
38	20 738	Runku Sateesh	M	BC-D	P	P	P	P	P	P	P	P	P	P	A	P	P
39	20 739	Konatham Siva Naga Pavani	F	BC-D	P	P	P	P	P	P	P	P	P	P	A	P	P
40	20 740	Peram Jyothiramai	F	BC-D	A	P	P	P	P	P	P	P	P	P	A	P	P
41	20 741	Gopalajoshula Prasanna Sai	M	OC	P	A	P	P	P	P	P	P	P	P	A	P	P
42	20 742	Ande Madhu Babu	M	BC-B	P	P	P	P	P	P	P	P	P	P	A	P	P
43	20 743	Sheik Ayesha	F	BC-B	P	P	P	P	P	P	P	P	P	P	A	P	P
44	20 744	Mohammad Shaida Mansuri	F	BC-E	P	P	P	P	P	P	P	P	P	P	A	P	P
45	20 745	Agnihotram Sai Vaishnavi	F	OC	P	P	P	P	P	P	P	P	P	P	A	P	P
46	20 746	Mareedu Tejaswi	F	BC-B	P	P	P	P	P	P	P	P	P	P	A	P	P
47	20 747	Nalukurti Vinodh Babu	M	SC	P	P	P	P	P	P	P	P	P	P	A	P	P
48	20 748	Bandaru Abhilash	M	SC	P	P	P	P	P	P	P	P	P	P	A	P	P
49	20 749	Ede Pavan Kumar	M	BC-B	P	P	P	P	P	P	P	P	P	P	A	P	P
50	20 750	Kolluri Manoj Kumar	M	SC	P	P	P	P	P	P	P	P	P	P	A	P	P

*A. Bhargavi*  
Signature of the Lecturer

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

Answer ALL the following questions.

15 x 2 = 30M

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

- a) 10      b) 12      c) 14      d) 16.

2) If  $y = 4^x$  then  $y' = ?$

- a)
- $4 \cdot \ln 4$
- b)
- $4 \cdot \ln x$
- c)
- $4^x \ln 4$
- d)
- $4^x \ln x$
- .

3) If  $y = \sin(2x)$ , then  $\frac{dy}{dx} = ?$

- a) 0      b)
- $\pi$
- c)
- $2\pi$
- d)
- $\cos 2x$

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

- a) 2      b)
- $2/3$
- c)
- $8/3$
- d) None

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

- a)
- $e^{2x} - x + c$
- b)
- $-e^{2x} - x + c$
- c)
- $e^{2x} + x + c$
- d)
- $-e^{2x} + x + c$
- .

6)  $\int_0^4 3x dx =$

- a) 12      b) 24      c) 48      d) 86.

7) The value of  $(\sin 45^\circ + \cos 45^\circ)$  is

- a)
- $1/\sqrt{2}$
- b)
- $\sqrt{2}$
- c)
- $\sqrt{3}/2$
- d) 1

8) If  $\cos x = a/b$ , then  $\sin x$  is equal to

- a)
- $\frac{(b^2 - a^2)}{b}$
- b)
- $\frac{(b-a)}{b}$
- c)
- $\frac{\sqrt{b^2 - a^2}}{b}$
- d)
- $\frac{\sqrt{b-a}}{b}$
- .

9) The principal value of  $\tan^{-1}(\tan(\frac{3\pi}{5}))$  is

- a)
- $\frac{2\pi}{5}$
- b)
- $-\frac{2\pi}{5}$
- c)
- $\frac{3\pi}{5}$
- d)
- $-\frac{3\pi}{5}$
- .

10) The matrix  $\begin{bmatrix} 1 & 0 & 0 \\ 0 & 2 & 0 \\ 0 & 0 & 4 \end{bmatrix}$  is a

- a) Identity Matrix    b) Symmetric Matrix    c) Skew Symmetric Matrix    d) None of these

11) If  $A$  is a Skew-Symmetric Matrix, then  $A^T$  is a

- a) Skew Symmetric Matrix    b) Symmetric Matrix    c) Null Matrix    d) Can not be determined

12) If  $A = [a_{ij}]$  is a square matrix of order 2 such that  $a_{ij} = 1$  when  $i \neq j$  and  $a_{ij} = 0$  when  $i = j$  then  $A^T$  is

- a)  $\begin{bmatrix} 1 & 0 \\ 1 & 0 \end{bmatrix}$     b)  $\begin{bmatrix} 1 & 1 \\ 0 & 0 \end{bmatrix}$     c)  $\begin{bmatrix} 1 & 1 \\ 1 & 0 \end{bmatrix}$     d)  $\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$ .

13) The system of equations  $3x - 2y = 7$  and  $7x + 8y = 12$  has

- a) unique solution    b) No solution    b) infinitely many solution    d) Can't determine

14) Find the solution to the following system of linear

equations  $2x - y + 6 = 0$ ,  $4x + 5y - 16 = 0$ .

- a)  $(2, -3)$     b)  $(-1, 4)$     c)  $(2, 3)$     d)  $(1, 4)$ .

15) Graphically, the pair of equations  $7x - y = 5$ ;  $21x - 3y = 10$  represents two lines which are

- a) intersecting at one point    b) parallel    c) intersecting at two points    d) coincident

Time: 1Hrs

Answer ALL the following questions.

15 x 2 = 30M

1) If  $f(x) = x^3 - 2x + 10$ , then  $f'(2) = ?$   
~~a) 10~~      ~~b) 12~~      ~~c) 14~~      ~~d) 16~~

15  
15

2) If  $y = 4^x$  then  $y' = ?$   
~~a)  $4 \ln 4$~~       ~~b)  $4 \ln x$~~       ~~c)  $4^x \ln 4$~~       ~~d)  $4^x \ln x$~~

3) If  $y = \sin(2x)$ , then  $\frac{dy}{dx} = ?$   
~~a) 0~~      ~~b)  $\pi$~~       ~~c)  $2x$~~       ~~d)  $\cos 2x$~~

4)  $\int_0^2 x^2 dx =$   
~~a) 2~~      ~~b)  $2/3$~~       ~~c)  $8/3$~~       ~~d) None~~

5)  $\int \cot x dx =$   
~~a)  $\cot x - x + c$~~       ~~b)  $-\cot x - x + c$~~       ~~c)  $\cot x + x + c$~~       ~~d)  $-\cot x + x + c$~~

6)  $\int_0^4 3x dx =$   
~~a) 12~~      ~~b)  $2/4$~~       ~~c) 48~~      ~~d) 86~~

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~~a)  $1/\sqrt{2}$~~       ~~b)  $\sqrt{2}$~~       ~~c)  $\sqrt{3}/2$~~       ~~d) 1~~

8) If  $\cos x = a/b$ , then  $\sin x$  is equal to  
~~a)  $\frac{(b^2 - a^2)}{b}$~~       ~~b)  $\frac{(b-a)}{b}$~~       ~~c)  $\frac{\sqrt{b^2 - a^2}}{b}$~~       ~~d)  $\frac{\sqrt{b-a}}{b}$~~

9) The principal value of  $\tan^{-1}(\tan(\frac{3\pi}{6}))$  is  
~~a)  $\frac{3\pi}{6}$~~       ~~b)  $-\frac{3\pi}{6}$~~       ~~c)  $\frac{\pi}{6}$~~       ~~d)  $-\frac{3\pi}{6}$~~



1) The matrix  $\begin{bmatrix} 1 & 0 & 0 \\ 0 & 2 & 0 \\ 0 & 0 & 1 \end{bmatrix}$  is a

- a) Identity Matrix   ~~b) Symmetric Matrix~~   c) Skew Symmetric Matrix   d) None of these

11) If  $A$  is a skew-symmetric matrix, then  $A^T$  is a

- a) Skew Symmetric Matrix   b) Symmetric Matrix   ~~c) Null Matrix~~   d) Can not be determined

12) If  $A = [a_{ij}]$  is a square matrix of order 2 such that  $a_{ij} = 1$  when  $i \neq j$  and  $a_{ij} = 0$  when  $i = j$  then  $A^T$  is

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12  
15

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 a) 0      b)  $\pi$       ~~c)  $2x$~~       d)  $\cos 2x$

4)  $\int_0^2 x^2 dx =$   
 a) 2      b)  $2/3$       ~~c)  $8/3$~~       ~~d) None~~

5)  $\int \cot^2 x dx =$   
~~a)  $\cot x - x + c$~~       b)  $-\cot x - x + c$       c)  $\cot x + x + c$       d)  $-\cot x + x + c$

6)  $\int_0^4 3x dx =$   
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 a)  $1/\sqrt{2}$       b)  $\sqrt{2}$       ~~c)  $\sqrt{3}/2$~~       ~~d) 1~~

8) If  $\cos x = a/b$ , then  $\sin x$  is equal to  
 a)  $\frac{(b^2 - a^2)}{b}$       b)  $\frac{(b-a)}{b}$       c)  $\frac{\sqrt{b^2 - a^2}}{b}$       ~~d)  $\frac{\sqrt{b-a}}{b}$~~

9) The principal value of  $\tan^{-1}(\tan(\frac{3\pi}{5}))$  is  
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9) The matrix  $\begin{bmatrix} 1 & 0 & 0 \\ 0 & 2 & 0 \\ 0 & 0 & 4 \end{bmatrix}$  is a

- ~~a) Identity Matrix~~   b) Symmetric Matrix   c) Skew Symmetric Matrix   d) None of these

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

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

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade



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

### **Bridge Course**

Department : PHYSICS

Academic year : 2020-21

Semester : I

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

**Bridge Course**  
**Student Enrolment Sheet**  
**2020-2021**

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

S. No	Roll No.	Name of the Student	Signature
1	20-201	A.Tejaswani	A. Tejaswani
2	20-202	Ayesha Siddikha	Ayesha Siddikha
3	20-203	G.Sivani	G. Sivani
4	20-204	S.Blandin	S. Blandin
5	20-205	K.Sandhya	K. Sandhya
6	20-206	J.Sneha	J. Sneha
7	20-207	B.Kavitha	B. Kavitha
8	20-208	P.Mounika	P. Mounika
9	20-209	L.Durga bhavani	L. Durgabhavani
10	20-210	L.Hima bindu	L. Himabindu
11	20-211	K.Mahalakshmi	K. Mahalakshmi
12	20-212	C.Munny	C. Munny
13	20-213	K.Aswitha	K. Aswitha
14	20-214	S.Divija vyshnavi	S. Divija vyshnavi
15	20-215	B.Pujitha	B. Pujitha
16	20-216	C.Manoj	C. Manoj
17	20-217	P.Ganesh	P. Ganesh
18	20-218	A.Vasudevarao	A. Vasudevarao
19	20-219	V.Venkata samba siva rao	V. Venkata samba siva rao
20	20-220	D.Venkata satya vamsi	D. Venkata satya vamsi
21	20-401	R.Nandini	R. Nandini
22	20-402	G.Bala amaresh	G. Bala amaresh
23	20-403	K.Sudheer	K. Sudheer
24	20-404	V.Supriya	V. Supriya
25	20-405	K.Kalpna	K. Kalpna
26	20-406	C.Lakshmi poornima	C. Lakshmi poornima
27	20-407	M.Maheswari	M. Maheswari
28	20-408	T.Varalakshmi	T. Varalakshmi
29	20-409	E.Alekhya	E. Alekha
30	20-410	J.Priyanka	J. Priyanka
31	20-411	K.Bhargavi	K. Bhargavi
32	20-412	S.Naziya sulthana	S. Naziya sulthana
33	20-413	M.Akhil	M. Akhil
34	20-414	N.Pavan sai	N. Pavan sai
35	20-415	I.Manoj kumar	I. Manoj kumar
36	20-416	V.Arjun	V. Arjun
37	20-417	V.Jyothi	V. Jyothi
38	20-418	G.Gopala Krishna	G. G. Krishna
39	20-419	P.Srihitha	P. Srihitha
40	20-420	M.Rathna reethika	M. Rathna reethika
41	20-421	P.Venkata tarun kumar	P. Venkata tarun kumar
42	20-601	C.Lokesh	C. Lokesh
43	20-602	L.Naga padma	L. Naga padma
44	20-603	S.Samuel	S. Samuel
45	20-604	P.Chakradhar	P. Chakradhar

46	20-605	A.K.V.Sai kiran	A.K.V.Sai kiran
47	20-606	E.Pujitha	E.Pujitha
48	20-607	R.Bhanusri	R.Bhanusri
49	20-608	B.Manjusha	B.Manjusha
50	20-609	G.Prathyusha	G.Prathyusha
51	20-610	K.Likitha	K.Likitha
52	20-611	K.Harika	K.Harika
53	20-612	G.Sampurna	G.Sampurna
54	20-613	K.Tirumala reddy	K.Tirumala reddy
55	20-614	N.V.V.Sandhya	N.V.V.Sandhya
56	20-615	T.Yogambika	T.Yogambika
57	20-616	A.Veeramma	A.Veeramma
58	20-617	G.Jahnavi	G.Jahnavi
59	20-618	K.Pravallika	K.Pravallika
60	20-619	K.Hidujha	K.Hidujha
61	20-620	E.S.D.Devi	E.S.D.Devi

D. Deep  
Lecturer

T. Haladur  
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





16	20-216	C.Manoj	OC	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	17	
17	20-217	P.Ganesh	BC-D	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	18	
18	20-218	A.Vasudevarao	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	
19	20-219	V.Venkata samba siva rao	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	
20	20-220	D.Venkata satya vamsi	BC-D	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19	
21	20-401	R.Nandini	OC	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	18	
22	20-402	G.Bala amaresh	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	19	
23	20-403	K.Sudheer	SC	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	19	
24	20-404	V.Supriya	SC	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	18	
25	20-405	K.Kalpana	SC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19	
26	20-406	C.Lakshmi poornima	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	19	
27	20-407	M.Maheswari	BC-B	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	19	
28	20-408	T.Varalakshmi	BC-B	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	18
29	20-409	E.Alekhya	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	19	
30	20-410	J.Priyanka	BC-D	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	17	
31	20-411	K.Bhargavi	BC-D	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	18	
32	20-412	S.Naziya sulthana	BC-E	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	17	
33	20-413	M.Akhil	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	
34	20-414	N.Pavan sai	OC	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19	
35	20-415	I.Manoj kumar	BC-D	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	18	



56	20-615	T.Yogambika	BC-A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	18
57	20-616	A.Veeramma	OC	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	A	P	P	P	17
58	20-617	G.Jahnavi	OC	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	18
59	20-618	K.Pravallika	BC-D	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	19
60	20-619	K.Hidujha	BC-B	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	19
61	20-620	E.S.D.Devi	BC-B	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**

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

### **Bridge Course**

Department	:	POLITICAL SCIENCE
Academic year	:	2020-2021
Semester	:	1

# 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	2011001	K. Satya.	K. Satya
2	2011002	V. Ganesh.	v. Ganesh
3	2011003	K. Balu Sankar	K. Balu Sankar
4	2011005	G. Siva naga Babu.	G. Siva naga Babu
5	201107	K. Nagavenkateswara Rao.	K. Nagavenkateswara Rao
6	201108	S. chandra sekhar.	S. chandra sekhar
7	2011010	T. Vasu babu.	T. Vasu babu
8	2011011	N. Pragathi Sri	N. Pragathi Sri
9	2011013	N. Rakesh	N. Rakesh.
10	2011014	P. Siva Ganesh.	P. Siva Ganesh
11	2011016	A. Teja sree	A Teja Sree
12	2011018	K. Anji babu.	K. Anji babu
13	2011020	E. Raju	E. Raju
14	2011021	M. Pavan Kumar.	M. Pavan Kumar
15	2011022	V. Tarun Kumar.	V. Tarun Kumar

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

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

**Bridge Course**

**Syllabus**

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

**Basic Concepts of political Science**

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

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

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

### Basic fundamental principles of political science:

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

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

## **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

KEY

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

8  
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

(D)

**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

(A)

**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: 2020-21 Department of Political Science

Paper: Basic Concepts of P.S Lecturer: Dr. G. Veera Raju

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	201101	K. Satya	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
2	201102	V. Ganesh	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18
3	201103	K. Balu Sankar	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	17
4	201104	G. Sri naga Babu	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
5	201107	K. Nagavenkateswarala	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	16
6	201108	S. Chandra Sekhar	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18
7	201109	T. Vasu babu	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
8	201101	N. Pragathi Sri	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
9	201103	N. Rakshi	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	17
10	201104	P. Sri Ganesh	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
11	201106	A. Teja sree	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
12	201108	K. Anji babu	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18
13	201120	E. Raju	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	17
14	201121	M. Pavan Kumar	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
15	201122	V. Tarun Kumar	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19

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Arts & Science (Autonomous), Vuyyuru

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Internal Quality Assurance Cell (IQAC)

Bridge Course

Department	:	<u>Telugu.</u>
Academic year	:	<u>2020-2021</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 శ.

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 శ.

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  
ఏ ఐ ఒ ఓ ఔ అం అః [ ఋ ఋ ఋ లేవు ]

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

ఆంధ్రభాషకు అక్షరములు ఏబదియాలు - 56.

అ ఆ ఇ ఈ ఉ ఊ ఋ ఋ

ఎ ఏ ఐ ఒ ఓ ఔ ం ఁ :

క ఖ గ ఘ ఙ చ చే ఛ

ఞ్ఞ 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 ష ణ ఇవి సంస్కృతమున లేవు. ]

ఆంధ్ర భాషలో 56 అక్షరములను మూడు రకములుగా విభజించిరి.

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

అ ఆ ఇ ఈ ఉ ఊ ఋ ఋ

ఎ ఐ ఒ ఓ ఔ.

ఇవి స్వతంత్రముగ పలుకబడును. వీనికే స్వరములు, ప్రాణములు అనియు పేర్లు.

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

క ఖ గ ఘ చ చే ఛ ఞ్ఞ 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-ౠ - ఎ- ఓ (7)

కొంత ఎక్కువ కాలములో ఉచ్చరింపబడునవి దీర్ఘములు.

ఉదా - ఆ- ఈ- ఊ- ఋ-ౠ- ఋ- ఌ- ఔ (9)

ఇందు ఎ ఏ ఒ ఓ' అను నాలుగక్షరములును వక్రములనబడును.

వక్రములనగా వంకరగా నుండునవి.

ఐ- ఔ' అను రెండును వక్రతమములనబడును.

వక్రతమములనగా మిక్కిలి వంకరగా నుండునవి.

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

**పరుషములు :** కఠినముగా పలుకబడు హల్లులు.

క - చ - ఛ - ట - త - ప (6)

**సరళములు :** తేలికగా పలుకబడు హల్లులు.

గ - జ - ఙ - డ - ద - బ (6)

**స్థిరములు :** పరుష సరళములుగాక తక్కిన హల్లులు

భ - ఘ - ఙ - ఛ - ఝ - ఞ - త - ఠ

ణ - థ - ధ - న - ఫ - భ - మ

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

ఇందులో నాసిక సాయమున ఉచ్చరింపబడువానిని

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

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

క - ఖ - గ - ఘ - ఙ్ఞ

చ - చ - ఛ - జ - 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 - ఙ్ఞ

2. చ - వర్ణము చ - చ - ఛ - జ - 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 : IB.Sc(TM)

\* 2020-2021 \*

S. No	Roll No.	Name of the Student	Signature
1	20-203	G. Sivani	G. Sivani
2	204	S. Blandin	S. Blandin
3	205	K. Sandhya	K. Sandhya.
4	206	J. Sneha	J. Sneha
5	208	P. Mounika	P. Mounika
6	209	L. Durga Bhavani	L. Durga Bhavani
7	210	L. Hima Bindu	L. Hima Bindu
8	211	K. Maha Lakshmi	K. Mahalakshmi.
9	213	Ch. Mummi	Ch. Mummi
10	213	K. Aswitha	K. Aswitha
11	214	S.D. Vyshnavi	S.D. Vyshnavi
12	215	B. Pusitha	B. Pusitha
13	217	P. Ganesh	P. Ganesh.
14	222	A. Naga Sai	A. Naga Sai
15	225	K. Naga babu.	K. Naga babu.

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section: IB.Sc(ITM) Year : 2020-21

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	20203	G. Sivani	P	P	P	P	P		P	P		P	P	P	P	P	P	13
2	204	S. Blandin	P		P	P	P	P	P	P	P		P	P	P	P	P	13
3	205	C. Sandhya	P	P	P	P	P		P	P	P	P	P	P	P	P	P	14
4	206	J. Sneha	P	P	P		P	P		P	P		P	P	P	P	P	12
5	208	P. Mounika	P		P	P	P	P	P	P	P	P		P	P	P	P	13
6	209	L.D. Bhavani		P	P	P	P		P	P		P	P	P	P	P	P	12
7	210	L. Hima bundu	P	P	P	P	P	P	P		P	P	P	P	P	P	P	14
8	211	C. Mahalakshmi		P	P	P	P	P	P	P	P		P		P	P	P	12
9	212	Ch. Munni	P	P	P	P	P	P	P	P	P	P	P	P	P		P	14
10	213	C. Aswitha	P		P	P	P	P		P		P	P	P	P	P	P	12
11	214	S.D. vyshnavi	P	P	P	P	P	P	P		P	P	P			P	P	13
12	215	B. Poojitha		P	P	P		P		P	P		P	P	P	P		10
13	217	P. Ganesh			P	P	P	P	P		P	P	P	P	P	P	P	12
14	222	A. Naga Sai	P	P	P	P	P		P	P	P	P	P		P	P	P	13
15	225	C. naga babu		P	P	P		P	P	P	P		P	P	P	P	P	12

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 : T B.Sc (EM) \*2020-2021\*

S. No	Roll No.	Name of the Student	Signature
1	20-402	G. Bala Amarash	G. B. Amarash
2	403	ϕ. Sudheer	K. Sudheer
3	404	V. Supriya	V. Supriya.
4	405	ϕ. Kalpana	K. Kalpana.
5	406	ch. Lakshmi Poonima	ch. Lakshmi Poonima
6	409	E. Alekhya	E. Alekhya
7	410	J. Priyanka	J. Priyanka.
8	411	K. Bhargavi	K. Bhargavi
9	413	M. Akhil	M. Akhil
10	416	V. Jyothi	v. jyothi
11	417	M. Ratna Reethika	M. Ratna Reethika
12	420	Sd. Maimunisa	sd. Maimunisa.
13	423	B. Sri Kala	B. Sri Kala.
14	424	G. Maneesha	G. Maneesha
15	425	V. Arjun	V. Arjun

M. U. S. Kumari

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section: IB.Sc (EM) Year : 2020-2021

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	20-402	G. B. Amaresh	P	P	P		P	P	P	P	P	P	P			P	P	12
2	403	C. Sudheer	P		P	P	P	P	P	P			P	P		P	P	12
3	404	V. Supriya	P	P	P		P	P	P	P		P	P	P	P	P	P	13
4	405	C. Calpana	P	P	P	P	P		P	P	P	P	P	P	P	P	P	14
5	406	Ch. L. Poojima	P	P	P	P	P	P	P	P	P	P	P			P	P	14
6	409	E. Alekhya	P	P		P	P	P	P	P	P	P			P	P	P	13
7	410	J. Prityanka		P	P	P	P		P	P	P	P	P	P	P	P	P	13
8	411	C. Bhargavi	P	P		P	P	P	P	P	P	P	P	P	P	P	P	14
9	413	M. Akhil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
10	416	V. Arjun	P	P	P	P	P	P	P	P		P	P	P	P	P	P	14
11	417	V. Jyothi		P	P	P	P	P	P	P	P	P	P	P		P	P	13
12	420	M.R. Reethika	P	P	P		P	P	P	P	P		P	P	P	P	P	13
13	423	Sd. Maimunisa		P	P	P	P	P	P	P	P	P			P	P	P	13
14	424	B. Soukalya	P	P	P		P	P	P	P	P	P	P	P	P	P	P	14
15	425	G. Maneesha		P	P	P	P		P	P	P	P	P	P	P	P	P	13

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 : T Mee

\* 2020 - 2021 \*

S. No	Roll No.	Name of the Student	Signature
1	20-701	V. C. Naga Sri	V.K. Naga Sri
2	708	S. Sandeep	S. Sandeep
3	709	Φ. Dinesh	K. Dinesh.
4	710	J. Gowthami	J. Gowthami
5	711	J. Kusuma	J. Kusuma
6	712	P. Paramadeep	P. Paramadeep
7	716	S. Navya	S. Navya
8	719	P. Sri Lekha	P. Sri Lekha.
9	720	D. Vanitha	D. Vanitha.
10	723	T. Akanksha	T. Akanksha
11	724	T. Anusha	T. Anusha.
12	730	T. Lavanya	T. Lavanya
13	737	Φ. Tulasi Ram	K. Tulasi Ram
14	738	R. Sateesh	R. Sateesh
15	747	N. Vinodh baby.	N. Vinodh baby

M. C. 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 Mecs · Year : 2020-2021  
Paper: Lecturer: M.L.S.Kumari

Department of: Telugu

No	Roll No	Student Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
1	20-701	V. C. Naga Sri	P	P	P	P		P	P	P	P		P	P	P	P		12
2	708	S. Sandeep	P	P	P		P	P	P	P	P	P		P	P	P	P	13
3	709	C. Dinesh		P	P	P	P	P	P	P		P	P		P	P		11
4	710	J. Gowthami	P	P	P	P		P	P	P	P	P	P	P	P	P	P	14
5	711	J. Pusuma	P	P		P	P	P	P		P	P	P	P	P		P	12
6	712	P. Prasad	P	P	P	P	P	P	P	P	P		P	P	P	P	P	14
7	716	S. Navya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
8	719	P. Sou Lekha	P	P	P	P	P	P	P	P		P	P	P		P	P	13
9	720	D. Vamitha	P	P	P		P	P		P		P		P	P		P	10
10	723	T. Akanksha	P	P	P	P		P	P	P	P	P	P	P	P	P	P	14
11	724	T. Anusha	P	P	P	P	P		P	P	P	P	P	P	P	P	P	14
12	730	T. Lavanya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
13	737	C. Tulasi Ram	P	P	P	P	P	P	P	P	P	P	P		P	P	P	14
14	738	R. Saiteesh	P	P		P	P	P	P		P	P	P	P	P	P	P	13
15	747	N. Vinodh babu	P	P	P		P	P		P	P	P	P	P	P	P	P	14

  
Signature of the HOD







# **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

**2020-2021**



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

### **Bridge Course**

Department	:	ZOOLOGY
Academic year	:	2020-2021
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	20-301	B.CHANDRIKA	B.Chandrika
2	20-302	B.NAGARAJU	B. Naga Raju
3	20-303	B.KRISHNA NAIK	B. Krishna Naik
4	20-304	J.AKANKSHA	J. Akanksha
5	20-305	A.SHAMILI	A. Shammili
6	20-306	N.ALEKYA	N. Alekya
7	20-307	M.AMULIYA	M. Amulya
8	20-308	J.SUCHITHA	J. Suchitha
9	20-309	B.KRANTHI	B. KRANTHI
10	20-310	P.M.MANIKANTA	P.m. Manikanta
11	20-311	K.RATHNA SAGAR	K. Rathna Sagar
12	20-3012	B.GOPINAYAK	B. Gopi Nayak
13	20-313	P.DURGA VARA PRASAD	P. Durga Vara Prasad
14	20-314	V.SIDDHARDA	V. Siddhartha
15	20-315	K.SAI KIRAN	K. Sai Kiran
16	20-501	B.RAJ KUMAR	B. Raj Kumar

17	20-502	FARZANA BEGUM	Farzana Begum.
18	20-503	K.KANTHI PRIYA	K. Kanthi Priya
19	20-504	P.GHAYATHRI	P. Ghayathri
20	20-505	P.MOUNIKA	P. Mounika
21	20-506	CH.VENKATA LAKSHMI	Ch. Venkata Lakshmi
22	20-507	R.KOMALI	R. Komali
23	20-509	ABDUL SULEMON	Ab. Sulemon.
24	20-510	E.SUJKA SATHVIKAR	E. Sujika Sathvikar.
25	20-511	SHARMILA BEGUM	Sharmila Begum
26	20-512	APSANA BEGUM	APSana Begum
27	20-513	V.SANJANA	V. Sanjana
28	20-514	SK.APSARUNNISA	Sk. Apsarunnisa
29	20-515	P.HARIKA	P. Harika.
30	20-516	V.SOWMYA	V. Sowmya
21	20-517	G.PAVANI	G. Pavani
32	20-518	V.DAKSHAYANI	V. Dakshayani
33	20-519	G.MADHURI	G. Madhuri
34	20-508	MD.ASHA	Md. Asha

to 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 (2020-2021)

Class : I B.Sc (BZC)										Marks:20
Subject : Zoology										
Lecturer: DAK/MLP			19/2	13/2	15/2	16/2	20/2	23/2	24/2	10/04/21
S.No	Roll no.	Name of the student	1	2	3	4	5	6	7	
1	20.301	BANDI. CHANDRIKA	1	2	3	4	5	A	6	14
2	20.302	BHAROTHU. Naga Raju	A	A	A	A	A	A	1	ABSENT
3	20.303	B. Krishna Nayak	A	A	A	A	A	A	1	14
4	20.304	J. Akanksha	1	2	3	4	5	6	7	14
5	20.305	A. shamili	1	A	2	3	4	5	6	10
6	20.306	N. Alekya	1	2	3	4	5	6	7	12
7	20.307	M. Amulya	1	2	3	4	5	A	6	14
8	20.308	J. suchita	1	2	3	4	5	6	7	14
9	20.309	B. kranthi	A	A	A	A	A	A	1	ABSENT
10	20.310	P. Mohana Manikanta	1	2	3	4	5	6	7	08
11	20.311	K. Ratna sagar	1	2	3	4	5	6	7	08
12	20.312	B. Gopi Nayak	A	A	A	A	A	A	A	04
13	20.313	P. Durga Varaprasad	A	1	A	2	3	A	4	16
14	20.314	V. Siddhanta	A	A	A	A	A	1	2	14
15	20.315	K. Sai Kiran.	A	A	A	A	A	A	1	ABSENT
16	20.501	B. Raj kumari	A	A	A	A	A	1	2	ABSENT
17	20.502	Fayzana Begum	1	2	A	3	4	5	6	12
18	20.503	k. kanthi Priya.	1	2	A	3	4	5	6	10
19	20.504	P. Gayathri	1	2	3	4	5	6	7	08
20	20.505	P. Mounika	A	A	A	A	A	A	A	14
21	20.506	Ch. Venkata lakshmi	1	2	3	4	5	6	7	12
22	20.507	R. Komali	1	2	3	4	5	8	7	ABSENT
23	20.509	Abdul. Suleman	1	A	2	3	4	5	6	ABSENT
24	20.510	E. Sujika Sathwikar.	1	2	3	A	4	5	6	10
25	20.511	Shasmita Begum	1	2	A	3	4	5	6	10
26	20.512	Apsana Begum	1	2	A	3	A	4	5	12
27	20.513	Vasra Sanjana	1	2	3	4	5	A	6	08
28	20.514	Shaik Apsarunnisa	1	2	3	4	A	5	6	10
29	20.515	P. Harika	1	2	A	3	4	5	6	12
30	20.516	V. Sowmya	1	2	3	4	5	6	7	06
31	20.517	G. Pavani	1	2	3	4	5	6	7	06
32	20.518	V. Dakshayani	1	2	3	4	5	6	7	12
33	20.519	G. Madhusri	A	A	A	A	A	A	A	ABSENT
34	20.508	Mahammad. Asha.	A	1	2	3	4	5	6	ABSENT

A A A A A A A

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

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2020-21)

Class: I B.Sc.

Name:

Max.Marks: 20

Date:

Time: 1/2 hrs.

---

Fill in the blanks with suitable answers.

10x2=20

1. Which one of the following is an enzyme?  
A. Glucose B. Insulin C. Somatotropin D. Trypsin
2. Which vitamin is provided by sunlight to the body?  
A. Vitamin -A B. Vitamin -B C. Vitamin -C D. Vitamin-D
3. In which one of the following animals is skin a respiratory organ?  
A. Cockroach B. Frog C. Shark D. Whale.
4. Aristotle is not known as  
A. Father of Biology B. Father of Zoology C. Founder of Embryology D. Father of Botany
5. Who is known as Father of Zoology?  
A. Darwin B. Lamark C. Aristotle D. Theophrastus
6. What is the Ph value of human blood?  
A. 7.40 B. 7 C. 0 D.8
7. The important sugar in honey is  
A. Lactose B. Fructose C. Maltose D. Sucrose
8. The rarest blood group is.  
A. O Negative B. B Negative C. AB Positive D. AB Negative
9. The number of Chromosomes in the human gene is  
A. 23 B.48 C.46 D. 24
10. The longest and largest bone in the human body is  
A. Spinal cord B. Humerus C. Fibula D. Femur

\*\*\*\*\*

301

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

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2020-21)

14  
20

Class: I B.Sc.

Name: B.Chondrika

Max.Marks: 20

Date: 10/4/21

Time: 1/2 hrs.

Roll NO :- 301

Fill in the blanks with suitable answers.

10x2=20

1. Which one of the following is an enzyme?  
A. Glucose B. Insulin C. Somatotropin  D. Trypsin ✓
2. Which vitamin is provided by sunlight to the body?  
A. Vitamin -A B. Vitamin -B C. Vitamin -C  D. Vitamin-D ✓
3. In which one of the following animals is skin a respiratory organ?  
A. Cockroach  B. Frog C. Shark D. Whale ✓
4. Aristotle is not known as  
A. Father of Biology  B. Father of Zoology C. Founder of Embryology D. Father of Botany ✗
5. Who is known as Father of Zoology?  
A. Darwin B. Lamarck  C. Aristotle D. Theophrastus ✓
6. What is the Ph value of human blood?  
 A. 7.40 B. 7 C. 0 D. 8 ✓
7. The important sugar in honey is  
A. Lactose  B. Fructose C. Maltose D. Sucrose ✓
8. The rarest blood group is.  
 A. O Negative B. B Negative C. AB Positive D. AB Negative ✗
9. The number of Chromosomes in the human gene is  
A. 23 B. 48  C. 46 D. 24 ✓
10. The longest and largest bone in the human body is  
 A. Spinal cord B. Humerus C. Fibula D. Femur ✗

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DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2020-21)

Class: I B.Sc. B.2.c (T.M) Name: B. Koushika nayak

Date: 10/3/2021

14  
20

Max.Marks: 20

Time: 1/2 hrs.

Fill in the blanks with suitable answers.

10x2=20

1. Which one of the following is an enzyme?  
A. Glucose B. Insulin C. Somatotropin D. Trypsin ✓
2. Which vitamin is provided by sunlight to the body?  
A. Vitamin -A B. Vitamin -B C. Vitamin -C D. Vitamin-D ✓
3. In which one of the following animals is skin a respiratory organ?  
A. ✓ Cockroach B. Frog C. Shark D. Whale. ✗
4. Aristotle is not known as  
A. Father of Biology B. Father of Zoology C. ✓ Founder of Embryology D. Father of Botany ✓
5. Who is known as Father of Zoology?  
A. Darwin B. Lamarck C. ✓ Aristotle D. Theophrastus ✓
6. What is the Ph value of human blood?  
A. ✓ 7.40 B. 7 C. 0 D. 8 ✓
7. The important sugar in honey is  
A. Lactose B. Fructose C. Maltose D. ✓ Sucrose ✓
8. The rarest blood group is.  
A. ✓ O Negative B. B Negative C. AB Positive D. AB Negative ✗
9. The number of Chromosomes in the human gene is  
A. ✓ 23 B. 48 C. 46 D. 24 ✗
10. The longest and largest bone in the human body is  
A. Spinal cord B. Humerus C. Fibula D. ✓ Femur ✓

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

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2020-21)

14  
20

Class: I B.Sc.

Name: J. Akanksha

Max.Marks: 20

Date: 10/4/21

Time: 1/2 hrs.

Roll NO: 304

Fill in the blanks with suitable answers.

10x2=20

1. Which one of the following is an enzyme?  
A. Glucose B. Insulin C. Somatotropin D.  Trypsin ✓
2. Which vitamin is provided by sunlight to the body?  
A. Vitamin -A B. Vitamin -B C.  Vitamin -C ✓ D. Vitamin-D ✓
3. In which one of the following animals is skin a respiratory organ?  
A. Cockroach  B. Frog ✓ C. Shark D. Whale. ✓
4. Aristotle is not known as  
A. Father of Biology B. Father of Zoology  C. Founder of Embryology ✓ D. Father of Botany ✓
5. Who is known as Father of Zoology?  
A. Darwin B. Lamarck  C. Aristotle ✓ D. Theophrastus ✓
6. What is the Ph value of human blood?  
 A. 7.40 ✓ B. 7 C. 0 D. 8 ✓
7. The important sugar in honey is  
A. Lactose B. Fructose C. Maltose  D. Sucrose ✗
8. The rarest blood group is.  
 A. O Negative ✓ B. B Negative C. AB Positive D. AB Negative ✗
9. The number of Chromosomes in the human gene is  
A. 23 B. 48  C. 46 ✓ D. 24 ✗
10. The longest and largest bone in the human body is  
 A. Spinal cord ✓ B. Humerus C. Fibula D. Femur ✗

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

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2020-21)

10  
20

Class: I B.Sc. B2 [T.M] Name: A. Shomili 20-305

Max.Marks: 20

Date: 10-04, 2021

Time: 1/2 hrs.

Fill in the blanks with suitable answers.

10x2=20

- 1. Which one of the following is an enzyme?  
A. Glucose B. Insulin C. Somatotropin ~~D. Trypsin~~ ✓
- 2. Which vitamin is provided by sunlight to the body?  
A. Vitamin -A B. Vitamin -B C. Vitamin -C ~~D. Vitamin-D~~ ✓
- 3. In which one of the following animals is skin a respiratory organ?  
A. Cockroach ~~B. Frog~~ C. Shark D. Whale. ✓
- 4. Aristotle is not known as  
A. Father of Biology ~~B. Father of Zoology~~ C. Founder of Embryology D. Father of Botany ✗
- 5. Who is known as Father of Zoology?  
A. Darwin B. Lamarck ~~C. Aristotle~~ D. Theophrastus ✓
- 6. What is the Ph value of human blood?  
~~A. 7.40~~ B. 7 C. 0 D. 8 ✓
- 7. The important sugar in honey is  
A. Lactose ~~B. Fructose~~ C. Maltose ~~D. Sucrose~~ ✗
- 8. The rarest blood group is.  
~~A. O Negative~~ B. B Negative C. AB Positive D. AB Negative ✗
- 9. The number of Chromosomes in the human gene is  
~~A. 23~~ B. 48 C. 46 D. 24 ✗
- 10. The longest and largest bone in the human body is  
~~A. Spinal cord~~ B. Humerus C. Fibula D. Femur ✗