

# **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 : BOTANY

Academic year : 2022-23

Semester : I SEM

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## **Bridge Course**

### **Syllabus**

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#### **General science:**

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

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

#### **OBJECTIVE:**

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

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

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

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course Student Enrolment Sheet

Class :

S. No	Roll No.	Name of the Student	Signature
1	2241501	P. Uma	P. Uma.
2	502	Ch. Haritha	Ch. Haritha
3	503	V. Nitha sri	V. Nitha Sri
4	504	B.Sumathi	B. Sumathi
5	505	M. Bhuvana Sri	M. Bhuvanasi
6	506	Abdul Ayesha begum	Ab Ayesha begum
7	507	K. Vijaya Sri	K. Vijaya Sri
8	508	G.Dhaneesha	G. Dhaneesha
9	509	S. Vishnu Priyanka	S. Vishnu priyanka
10	510	B. Jahnavi	B. Jahnavi
11	511	K. Sarwan	K. Sarwan
12	512	P. Karthekeya	P. Karthikeya
13	901	J.Chandana Seershika	J. Chandana seershika
14	902	B. Bhanu Prakash	B. Bhanu prakash
15	903	B. Vamsi	B. Vamsi
16	904	Shik. Farzana	Shik Farzana
17	905	Md. Sharmila Begum	Md. Sharmila begum
18	906	Sk. Sadiya Sulthana	Sk. Sadiya sultana.

19	907	Kodali.Swetha	K. Swetha
20	908	Abdul.Sabeerunnisa	Ab. Sabeerunnisa.
21	909	S.Uuha	S. Vuha.
22	910	Ch.Lakshmi Priya	ch. Lakshmi Priya
23	911	Sk.Shakeerunnisa	sk. Shakeerunnisa
24	912	A.Sowgandhika	A. Sowgandhika
25	913	S.VasaviSathya Sri	S. Vasavi.
26	915	B.Vivekananda	B. Vivekananda
27	916	P.Sruthi	P. Sruthi.
28	918	Y.Divya Jyothi	Y. Divya.
29	919	G.Sushma	G. Sushma
30	921	S.Divya Sai	S. Divya Sai.
31	922	P.Sruthi	P. Sruthi
32	923	M.Lakshmi Naveena	M. Lakshmi Naveena.

C. B. Rappini  
DEPARTMENT OF BOTANY  
A.G. & S.G. Siddhartha Arts & Science  
Degree College, VUYYURU-521 165

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course - Attendance Register**

Class / Section: IBZC (E.M,T.M) Year: 2022 -23 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	2241501	P. Uma		P	P	P	P	P	P	P	P	P	P	P	P	P	P							
2	2241502	Ch. Haritha		P	P	P	P	A	P	P	P	P	P	P	P	P	A	P						
3	503	V. Nitha sri		P	P	P	P	P	P	A	P	P	P	P	P	P	P	P						
4	504	B.Sumathi		P	P	A	P	P	P	P	P	P	P	P	P	P	A	P						
5	505	M. Bhuvana Sri		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
6	506	Abdul Ayesha begum		P	P	A	P	P	P	P	P	P	P	P	P	P	P	P						
7	507	K. Vijaya Sri		P	A	P	P	A	P	P	P	P	P	P	P	P	P	P						
8	508	G.Dhaneesha		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
9	509	S. Vishnu Priyanka		P	A	P	P	A	P	P	P	P	P	P	P	P	P	P						
10	510	B. Jahnavi		P	P	P	P	P	A	P	P	P	P	P	P	P	P	P						
11	511	K. Sarwan		P	P	P	P	P	P	P	P	P	A	P	P	P	P	P						
12	512	P. Karthekeya		P	P	P	P	P	P	P	P	P	P	P	P	P	P	A						
13	901	J.Chandana Seershika		P	P	P	P	A	P	P	P	A	P	P	P	P	P	P						

14	904	Md.Sharmila Begum		P	P	P	P	P	P	P	A	P	P	A	P	P	P	P						
15	905	Sk.Sadiya Sulthana		P	A	P	P	P	P	P	A	A	P	P	P	P	P	P						
16	906	Kodali.Swetha		P	P	P	P	P	P	P	P	P	P	A	P	P	P	P						
17	907	Abdul.Sabeerunnisa		P	P	P	P	P	P	A	P	P	P	P	P	P	P	P						
18	908	S.Uuha		P	A	P	P	A	P	P	P	P	P	P	P	P	P	P						
19	909	Ch.Lakshmi Priya		P	A	P	P	P	P	P	P	P	P	P	P	P	P	P						
20	910	Sk.Shakcerunnisa		P	P	P	P	P	P	P	P	P	P	P	P	P	A	P						
21	911	A.Sowgandhika		P	P	P	P	P	P	P	P	P	P	A	P	P	P							
22	912	S.VasaviSathya Sri		P	P	P	P	P	A	P	P	P	P	P	P	A	P							
23	913	B.Vivekananda		P	A	P	P	P	P	P	P	P	P	P	P	P	P							
24	915	P.Sruthi		P	A	A	P	P	P	P	P	P	P	P	P	P	P							
25	916	Y.Divya Jyothi		P	P	P	P	P	P	A	P	P	P	P	P	P	P							
26	918	G.Sushma		P	A	P	P	A	P	P	A	P	P	P	P	P	P							
27	919	S.Divya Sai		P	P	P	P	A	P	P	P	P	P	P	P	P	A	P						
28	921	P.Sruthi		P	P	P	P	A	A	P	P	P	P	P	P	P	P							
29	922	M.Lakshmi Naveena		P	P	A	P	A	P	P	A	P	P	A	P	P	P	A						

CH. Beulah Rajani  
DEPARTMENT OF BOTANY

A.G. & S.G. Siddhartha Arts & Science  
Degree College, VUYURU-521 165

*Chauhan*  
PRINCIPAL

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

Student Name: P. Uma

Roll No: 22-501

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

1. The term cell was given by [ 1 ]

1. Robert Hooke
2. Tatum
3. Schwann
4. De Bary

2. The cell is not applied for [ 3 ]

1. Algae
2. Bacteria
3. Virus
4. Fungi

3. The membrane around the vacuole is known as [ 1 ]

1. Tonoplast
2. Elaioplast
3. Cytoplast
4. Amyloplast

4. Microfilaments are composed of a protein called [ 2 ]

1. Tubulin
2. Actin
3. Myosin
4. Chitin

5. A plant cell wall is mainly composed of [ 2 ]

1. Protein
2. Cellulose
3. Lipid
4. Starch

6. Glycolipids in the plasma membrane are located at [ 2 ]

1. Inner leaflet of the plasma membrane
2. The outer leaflet of the plasma membrane
3. Evenly distributed in the inner and outer leaflets
4. It varies according to cell types

7. Lysosomes are known as "suicidal bags" because [3]

1. Parasitic activity
2. Presence of food vacuole
3. Hydrolytic activity
4. Catalytic activity

8. The properties of integral membrane proteins can be studied by [1]

1. Atomic force microscopy
2. Cryo-sectioning and electron microscopy
3. Freeze-fracture technique and electron microscopy
4. All of the above

9. The fluidity of the plasma membrane increases with [1]

1. Increase in unsaturated fatty acids in the membrane
2. Increase in saturated fatty acids in the membrane
3. Increase in glycolipid content in the membrane
4. Increase in phospholipid content in the membrane

10. Which among the following defines GPI anchored proteins? [2]

1. Integral proteins of the plasma membrane
2. Peripheral proteins of the plasma membrane
3. Proteins that bind to ion-gated channels in the plasma membrane
4. Proteins which randomly bind to lipids of the plasma membrane



22-23

**A.G & S.G.S. Degree College of Arts & Science, Vuyyuru (Autonomous).**  
**DEPARTMENT OF BOTANY**  
**Bridge Course**

(9/10) ab

Student Name: J. Chandana Roll No: 22-901  
Seershilca

Class: 1BSC-ABC

1. The term cell was given by [1]

- ~~1.~~ Robert Hooke
2. Tatum
3. Schwann
4. De Bary

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## **DEPARTMENT OF Chemistry**

### **Bridge Course**

**2022-23**

Name of the Lecturer	:	P.Suresh
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), VUYYURU.

(Accredited at "A" Grade by NAAC, Bangalore)

DEPARTMENT OF CHEMISTRY

NAME:

CLASS:

ROLL NO:

BRIDGE COURSE QUESTION PAPER -2021-2022

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

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

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

- a) H      ~~b) Si~~      c) B      d) O

3. Borazine resembles in structure is -----

- a) Ethane      ~~b) Benzene~~      c) Graphite      d) None of these

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

5. Write the formula of the Borazine-----

- ~~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. Silicon are compounds of silicon and-----linkage.

- a) Hydrogen      ~~b) Oxygen~~      c) Carbon      d) Nitrogen

7. Group-17 elements is also called as -----family

- ~~a) Halogens~~      b) Chalcogens      c) Silanes      d) None

8. Write the electronic configuration of carbon atom-----

- a) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>4</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>5</sup>

9. Which is likely to form Inter halogens of AX<sub>7</sub> type-----

- a) IF<sub>3</sub>      b) IF<sub>4</sub>      ~~c) IF<sub>7</sub>~~      d) IF<sub>5</sub>

10. Write the bragg's equation-----

- ~~a) nλ = 2dsinθ~~      b) nλ = dsinθ      c) n = 2dsinθ      d) nλ = sinθ

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

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

12. The total no. of symmetry elements of cubic crystal is -----

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

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

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

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

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

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

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

16. How many types of liquid crystals-----

- a) 5                      ~~b) 2~~                      c) 6                      d) 4

17. The shape of the smectic liquid crystal is-----like structure

- ~~a) soap~~              b) layer              c) thread              d) None

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

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

19. Group-13 elements is also called as -----family.

- a) Hydrogen              b) Oxygen              ~~c) Boron~~              d) Carbon

20. Group-18 elements is also called as -----

- a) Hydrogen              b) Oxygen              c) Boron              ~~d) Inert gases~~

# I.M.C.Cs

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<u>Roll No</u>	<u>Name of the student</u>	1	2	3	4	5	6	7	8	9	10	<u>Marks</u>
22.701	N. Poojra Sri	P	P	P	A	P	A	P	P	P	P	18
22.702	K. Raja Rejeswasi	P	P	A	P	P	P	P	P	A	P	17
22.703	D. Nandini	P	A	P	P	P	A	P	P	P	P	20
22.704	B. Sravani	A	P	P	P	P	P	A	A	P	P	20
22.705	S. Gnaneswar	A	A	P	P	P	P	P	P	P	P	16
22.706	K. Durga Sai	P	P	A	P	P	P	P	P	A	P	19
22.707	P. Uma Mateswasi	P	P	P	P	P	A	P	P	P	P	20
22.708	A. Sindhu	P	P	P	A	P	P	P	P	A	P	19
22.709	G. Navya Sree	P	A	P	P	P	A	P	P	P	P	20
22.710	Gr. V. Venkateswaramma	P	P	P	A	A	P	P	P	P	A	20
22.711	K. Deekshita	A	P	P	P	P	P	A	P	P	P	19
22.712	Ch. Ramya Sri	P	P	A	P	P	P	A	P	P	P	20
22.713	M. Sai lakshmi	P	P	P	P	P	A	P	P	P	A	20
22.714	A. Sunitha	P	A	P	P	P	P	P	P	A	P	20
22.715	K. Gopi Krishna	P	P	P	P	P	A	P	P	P	P	19
22.716	M. Chandu	A	P	P	P	P	P	P	A	P	P	19
22.717	Gr. Ravi kisan.	P	P	A	P	A	P	P	P	P	P	10
22.718	P. Harika	P	P	P	A	P	P	P	P	P	P	Absent
22.719	G. Mallika	P	P	P	P	A	P	P	P	A	P	20
22.720	V. Shanmukha	P	P	P	A	A	P	P	P	P	P	19
22.721	Gr. Naveen	P	P	P	P	P	A	P	A	P	P	19
22.722	Gr. prasanna.	A	P	P	A	P	P	P	P	P	P	20
22.723	K. Ramya	P	A	A	P	P	P	P	A	P	P	20
22.724	J. Naga nikhitha	P	P	A	P	A	P	P	P	P	P	19
22.725	Gr. A. Mahayshi	A	P	P	P	P	P	A	P	P	P	20
22.726	Sk. Mauli	P	P	A	P	P	P	P	A	P	P	19
22.727	M. Durga prasod.	P	P	A	P	P	P	P	P	A	P	20
22.728	B. Ahalya Rani	P	P	P	P	A	P	P	P	P	A	20
22.729	V. Pavan kumar	A	P	P	P	P	A	P	P	P	P	Absent
22.730	Gr. Vishnu Ganesh.	A	A	P	P	P	P	A	P	P	P	18



<u>Roll No</u>	<u>Name of the student</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>Marks</u>
22.731	P. Lahari	P	P	P	A	P	P	A	P	P	P	20
22.732	M. Trinadh	A	P	P	P	P	P	A	P	P	P	18
22.733	Ch. Kejiya	P	P	A	P	A	P	P	P	P	P	20
22.734	Md. Asif	P	P	A	P	P	P	A	P	P	P	17
22.735	D. Hemasi	P	P	P	P	A	P	P	A	P	P	20
22.736	V. Kusuma	P	P	P	A	P	P	P	P	P	P	19
22.737	G. Bharath Kumar	P	A	P	A	P	P	P	P	P	P	18



# 74 I Aqua

<u>Roll No</u>	<u>Name of the student</u>	1	2	3	4	5	6	7	8	9	10	<u>Months</u>
22. 901	J. Chandana Sureshika	P	P	P	P	P	A	A	P	P	P	11
22. 902	B. Bharu prakash	P	A	P	P	A	P	P	P	P	P	17
22. 903	B. Vamsi	A	P	P	P	P	A	P	P	P	P	18
22. 904	Sk. Faazana	A	A	P	P	P	P	P	P	P	P	13
22. 905	M. Shaamila Begum	P	P	P	P	P	A	P	P	A	P	18
22. 906	Sk. Sadiya Sultana	P	P	P	P	P	P	A	A	P	P	16
22. 907	K. Swetha	P	P	P	P	P	P	A	P	A	P	9
22. 908	Abdual Sabeesunnisa	A	A	P	P	P	P	P	P	P	P	19
22. 909	S. Usha	P	P	P	P	A	P	P	P	A	P	18
22. 910	Ch. Lakshmi priya	P	P	P	A	P	P	P	A	P	P	15
22. 911	Sk. Shakeerunnisa	A	A	P	P	P	P	P	P	P	P	13
22. 912	H. Saugandhika	P	P	P	A	P	P	P	A	P	P	14
22. 913	S.V. Satya Sai	P	P	P	P	P	A	A	P	P	P	16
22. 914	M. Dhanush Kiran	P	P	A	P	P	P	A	P	P	P	ABSENT
22. 915	B. Vivekananda	A	A	A	P	P	P	P	P	P	P	15
22. 916	P. Sruthi	P	A	P	P	P	P	P	A	P	P	14
22. 917	K. Gaganathi	P	P	P	A	P	A	P	P	P	P	
22. 918	Y. Divya jyothi	P	P	P	P	A	P	P	A	P	P	16
22. 919	G. Sushma	P	P	A	P	P	P	P	P	P	A	9
22. 920	S. Bhargavi	P	A	P	P	P	P	P	P	P	A	8
23. 921	S. Divya Sai	P	P	P	P	A	P	P	A	P	P	8
922	P. Sruthi	P	P	A	P	A	P	P	P	P	P	15

No. of students on rolls - 69  
No. of students appeared - 67  
No. of students passed - 65  
No. of students failed - 02

Pass percentage - 97%

Signature of Lecturer

1. M. Sautter

2. P. Srin

R. Sreeni  
Signature of H.O.D

Shame

Signature of Principal

A.G.&S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), VUYURU.

(Accredited at "A" Grade by NAAC, Bangalore)

DEPARTMENT OF CHEMISTRY

NAME: P. Lahari

CLASS: I M.C.S

ROLL NO: 2253731

BRIDGE COURSE QUESTION PAPER -2022-2023

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

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

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

- a) H      ~~b) Si~~      c) B      d) O

3. Borazine resembles in structure is -----

- a) Ethane      ~~b) Benzene~~      c) Graphite      d) None of these

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

5. Write the formula of the Borazine-----

- ~~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. Silicon are compounds of silicone and-----linkage.

- a) Hydrogen      ~~b) Oxygen~~      c) Carbon      d) Nitrogen

7. Group-17 elements is also called as -----family

- ~~a) Halogens~~      b) Chalcogens      c) Silanes      d) None

8. Write the electronic configuration of carbon atom-----

- a) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>4</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>5</sup>

9. Which is likely to form Inter halogens of AX<sub>7</sub> type-----

- a) IF<sub>3</sub>      b) IF<sub>4</sub>      ~~c) IF<sub>7</sub>~~      d) IF<sub>5</sub>

10. Write the bragg's equation-----

- ~~a) nλ = 2dsinθ~~      b) nλ = dsinθ      c) n = 2dsinθ ,      d) nλ = sinθ

20  
20

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

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

12. The total no. of symmetry elements of cubic crystal is -----

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

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

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

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

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

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

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

16. How many types of liquid crystals-----

- a) 5      b) 2      c) 6      d) 4

17. The shape of the smectic liquid crystal is-----like structure

- a) soap      b) layer      c) thread      d) None

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

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

19. Group-13 elements is also called as -----family.

- a) Hydrogen      b) Oxygen      c) Boron      d) Carbon

20. Group-18 elements is also called as -----

- a) Hydrogen      b) Oxygen      c) Boron      d) Inert gases

A.G.&S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), VUYURU.

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DEPARTMENT OF CHEMISTRY

NAME: M. Trinadh CLASS: M.C.C.S.

ROLL NO: 2253732

BRIDGE COURSE QUESTION PAPER -2021-2022

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

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

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

- a) H      ~~b) Si~~      c) B      d) O

3. Borazine resembles in structure is -----

- a) Ethane      ~~b) Benzene~~      c) Graphite      d) None of these

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

5. Write the formula of the Borazine -----

- ~~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. Silicon are compounds of silicone and ----- linkage.

- a) Hydrogen      ~~b) Oxygen~~      c) Carbon      d) Nitrogen

7. Group-17 elements is also called as ----- family

- ~~a) Halogens~~      b) Chalcogens      c) Silanes      d) None

8. Write the electronic configuration of carbon atom -----

- a) 1s<sup>2</sup>2s<sup>2</sup>2p<sup>4</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>5</sup>

9. Which is likely to form Inter halogens of AX<sub>7</sub> type -----

- a) IF<sub>3</sub>      b) IF<sub>4</sub>      ~~c) IF<sub>7</sub>~~      d) IF<sub>5</sub>

10. Write the bragg's equation -----

- ~~a) nλ = 2d sinθ~~      b) nλ = d sinθ      c) n = 2d sinθ ,      d) nλ = sinθ

18  
-----  
20

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

~~a) 12~~

b) 3

c) 6

d) 14

12. The total no. of symmetry elements of cubic crystal is -----

a) 12

~~b) 23~~

c) 6

d) 14

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

a) Unit cell

b) Lattice point

~~c) Space lattice~~

d) None

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

a) Unit cell

~~b) Lattice point~~

c) Space lattice

d) None

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

~~a) Unit cell~~

~~b) Lattice point~~

c) Space lattice

d) None

16. How many types of liquid crystals -----

a) 5

~~b) 2~~

c) 6

d) 4

17. The shape of the smectic liquid crystal is ----- like structure

a) soap

~~b) layer~~

c) thread

d) None

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

a) Si-----S-----Si

~~b) Si-----O-----Si~~

c) Si-----N-----Si

d) Si-----C-----Si

19. Group-13 elements is also called as ----- family.

a) Hydrogen

b) Oxygen

~~c) Boron~~

d) Carbon

20. Group-18 elements is also called as -----

a) Hydrogen

b) Oxygen

c) Boron

~~d) Inert gases~~



# 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 : 2022-2023

Semester : I-B.Com, Sem-1 (GEN)

**Bridge Course****Student Enrolment Sheet**

Class :I B.com (GEN)

S. No	Roll No.	Name of the Student	Signature
1.	22.101	Dupati Thirupatamma	D. Thirupatamma
2.	22.102	Chilukuri Mounika	Ch. Mounika
3.	22.103	Baditha Pujitha	B. Pujitha
4.	22.104	Jampana Krupanidhi	S. Krupanidhi
5.	22.105	Sala Durga Raghava	S. Durga Raghava
6.	22.106	Koyyana Naga Lakshmi	K. Naga Lakshmi
7.	22.107	Gudise Kavya	G. Kavya
8.	22.108	Kandru Vishal Babu	K. Vishal Babu
9.	22.109	Mathangi Sunitha	M. Sunitha
10.	22.110	Gudise Aswini	G. Aswini
11.	22.111	Madiri Santosh Kumar	M. Santosh Kumar
12.	22.112	Veeranki Srikanth	V. Srikanth
13.	22.122	Mulagalapalli Chaitanya	M. Chaitanya
14.	22.123	Ganjala Bhavani Katyayini	G. Bhavani Katyayini
15.	22.115	Pittu Pujitha	P. Pujitha
16.	22.116	Marada Swathi	M. Swathi

17.	22.117	Jujuvarapu Harish	J. Harish
18.	22.118	Kolluri Naga Babu	K. Naga Babu
19.	22.119	Mirza Bakhar Ali	M. B. Ali
20.	22.120	Siddela Vijay	S. Vijay
21.	22.121	Bandrapalli Naga Babu	B. Naga Babu
22.	22.122	Gaddam Chakravarthi	G. Chakravarthi
23.	22.123	Koyyala Karthik	K. Karthik
24.	22.124	Kothuri Kartheek	K. Kartheek
25.	22.125	Devarapalli Sunny	D. Sunny
26.	22.123	Gopi Krishna Kumari	G. Krishna Kumari
27.	22.127	Kondaveeti Nirmala Kumari	K. Nirmala Kumari

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

**Bridge Course**

**Syllabus**

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

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



14.	22.123	Ganjala Bhavani Katyayini	BC-D	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
15.	22.115	Pittu Pujitha	BC-D	A	A	P	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	11
16.	22.116	Marada Swathi	BC-A	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	13
17.	22.117	Jujuvarapu Harish	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
18.	22.118	Kolluri Naga Babu	SC	P	A	P	P	A	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	14
19.	22.119	Mirza Bakhar Ali	OC	A	A	A	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	14
20.	22.120	Siddela Vijay	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
21.	22.121	Bandrapalli Naga Babu	SC	P	A	P	P	A	P	P	A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	14
22.	22.122	Gaddam Chakravarthi	OC	A	A	A	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	A	A	09
23.	22.123	Koyyala Karthik	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
24.	22.124	Kothuri Kartheek	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
25.	22.125	Devarapalli Sunny	SC	A	A	A	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	12
26.	22.123	Gopi Krishna Kumari	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
27.	22.127	Kondaveeti Nirmala Kumari	SC	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	18

R & C  
Lecturer

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

Principal  
PRINCIPAL  
AG & SG Siddhartha Degree College  
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 : 2022-2023

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.	22.801	Vasanthavada Rupa Sri	V. RUPA Sri
2.	22.802	Tata Phani Kumar	T. Phani Kumar
3.	22.803	Tata Santhosh Babu	T. Santhosh Babu
4.	22.804	Kukatlapalli Nandini	K. Nandini
5.	22.805	Kondaveeti Manasa	K. Manasa
6.	22.806	Gurivindapalli Akanksha	G. Akanksha
7.	22.807	Munnangi Vijaya Bhaskara Reddy	M. Vijaya Bhaskara Reddy
8.	22.808	Mynam Tripura	m. Tripura
9.	22.809	Shaik Sameera	S.k. Sameera
10.	22.810	Katta Karunakar	K. Karunakar
11.	22.811	Kasimalla Naga Rani	K. Naga Rani
12.	22.812	Jutru Dinesh Babu	J. Dinesh Babu
13.	22.813	Boina Premanjani	B. Premanjani
14.	22.814	Koppula Thanmai	K. Thanmai
15.	22.815	Kagga Srinivas	K. Srinivas
16.	22.816	Nepala Harika	N. Harika



17.	22.817	Kolla Lakshman	K. Lakshman
18.	22.818	Jonnalagadda Sharonu	J. Sharonu
19.	22.819	Katari Janaki	K. Janaki
20.	22.820	Manda Ujwala	M. Ujwala
21.	22.821	Jujjavarapu Jaya	J. Jaya
22.	22.822	Goriparthi Sravanthi	G. Sravanthi
23.	22.823	Edupuganti Raji	E. Raji
24.	22.824	Tummala Kalyani	T. Kalyani
25.	22.825	Panakala Surekha	P. Surekha
26.	22.826	Gamidi Gowri Chaitanya	G. G. Chaitanya
27.	22.827	Mandapaka Keerthi	M. Keerthi
28.	22.828	Masimukku Venkatesh	K. Rajitha
29.	22.829	Kundeti Rajitha	K. Rajitha
30.	22.830	Potagani Lakshmi Thirupathamma	P. L. Thirupathamma
31.	22.831	Nerusu Venkata Sravanthi	N. V. Sravanthi
32.	22.832	Devanaboyina Anusha	C. Muneeswari
33.	22.833	Chittibomma Muneeswari	Ch. Muneeswari
34.	22.834	Choragudi Kranthi	C. Kranthi
35.	22.835	Tummapudi Sruthi	T. Sruthi

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## **Bridge Course**

### **Syllabus**

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

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

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section : I.B.COM (CA)

Year : 2022 Department of: COMMERCE Paper: F.A

Lecturer; G.Kiran Kumar

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.	22.801	Vasanthavada Rupa Sri	SC	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	17
2.	22.802	Tata Phani Kumar	BC-B	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	16
3.	22.803	Tata Santhosh Babu	BC-B	P	P	P	A	P	P	A	P	A	P	P	P	P	P	A	A	P	P	P	A	14
4.	22.804	Kukatlapalli Nandini	SC	A	A	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	16
5.	22.805	Kondaveeti Manasa	BC-B	P	P	P	A	A	P	P	P	P	P	A	P	P	P	A	A	P	P	P	P	15
6.	22.806	Gurivindapalli Akanksha	SC	A	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	15
7.	22.807	Munnangi Vijaya Bhaskara Reddy	oc	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	00
8.	22.808	Mynam Tripura	BC-D	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	A	P	A	P	A	14
9.	22.809	Shaik Sameera	BC-B	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	17
10.	22.810	Katta Karunakar	ST	A	A	A	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	A	13
11.	22.811	Kasimalla Naga Rani	SC	P	A	P	P	P	A	A	P	P	P	P	A	P	P	A	P	A	P	P	A	13



27	22.827	Mandapaka Keerthi	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	18
28.	22.828	Masimukku Venkatesh	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
29.	22.829	Kundeti Rajitha	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
30.	22.830	Potagani Lakshmi Thirupathamma	BC-B	A	A	A	P	P	P	P	P	P	P	A	A	P	P	P	A	A	11
31.	22.831	Nerusu Venkata Sravanthi	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
32.	22.832	Devanaboyina Anusha	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	18
33.	22.833	Chittibomma Muneswari	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
34.	22.834	Choragudi Kranthi	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
35.	22.835	Tummapudi Sruthi	SC	A	A	A	A	P	P	P	P	P	P	A	A	P	P	P	A	A	11

*[Signature]*  
Lecturer

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

*[Signature]*  
Principal  
PRINCIPAL  
A.G. & S.G. 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	:	2022-2023
Semester	:	I-B.com, Sem-1 (E-Com)

**Bridge Course**

**Student Enrolment Sheet**

Class :I B.com (E-Com)

S. No	Roll No.	Name of the Student	Signature
1.	22.201	Konatham Balaji	K. Balaji
2.	22.202	Pulivarthi Bharath Kumar	T. Bhayath Kumar
3.	22.203	Talakaturi Pallavi	T. Pallavi
4.	22.204	Nerusu Tripura	N. Tripura
5.	22.205	Yarlagadda Tanuja	Y. Tanuja
6.	22.206	Gudapati Hareesh	G. Hareesh
7.	22.207	Namburi Akhil Babu	N. Akhil Babu
8.	22.208	Sirigiri Anil	S. Anil
9.	22.209	Avala Dhana Lakshmi	A. Dhana Lakshmi
10.	22.210	G Uday Simha Reddy	U. Uday Simha Reddy
11.	22.211	Bejavada Bhuvanesh	B. Bhuvanesh
12.	22.212	Kolusu Divya Sree	K. Divya Sree
13.	22.213	Sannala Venkata Srilekha	S.V. Srilekha
14.	22.214	Done Sherly	D. Sherly
15.	22.215	Abdul Amanulla	AD. Amanulla
16.	22.216	Kankipati Sankar Raman	K.S. Raman

17.	22.217	Dhande Sindhu	D. Sindhu
18.	22.218	Talasila Poojitha	T. Poojitha
19.	22.219	Chagantipati Bhavya Lakshmi Tirupathamma	Ch. Bhavya Lakshmi Tirupathamma.
20.	22.220	Pamula Jaswanth Kumar	P. Jaswanth Kumar
21.	22.221	Tummala Bharath	T. Bharath.
22.	22.222	Indupalli Smyli	I. Smyli
23.	22.223	Valluru Divya	V. Divya
24.	22.224	Kolla Madhu Latha	K. madhu latha
25.	22.222	Viswanadha Tejaswi	V. Tejaswi
26.	22.223	Kadima Kusuma Jyothi	K. Kusuma Jyothi
27.	22.227	Mohammad Nayeemuddin	MD. Nayeemuddin
28.	22.228	Mohammad Ameenabee	MD. Ameenabee
29.	22.229	Mudraboina Kumar Babu	M. Kumar Babu.



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

**Bridge Course**

**Syllabus**

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

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

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

**Bridge Course - Attendance Register**

Class / Section : I.B.COM (E-Com) Year : 2022 Department of: COMMERCE Paper: F.A Lecturer; G. Kiran Kumar

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.	22.201	Konatham Balaji	BC-D	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	17
2.	22.202	P Bharath Kumar	SC	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	16
3.	22.203	Talakaturi Pallavi	SC	P	P	P	A	P	P	A	P	P	P	P	A	P	P	A	A	P	P	P	A	14
4.	22.204	Nerusu Tripura	BC-D	A	A	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	16
5.	22.205	Yarlagadda Tanuja	BC-B	P	P	P	A	A	P	P	P	P	P	A	P	P	P	A	A	P	P	P	P	15
6.	22.206	Gudapati Hareesh	SC	A	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	15
7.	22.207	Namburi Akhil Babu	SC	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	16
8.	22.208	Sirigiri Anil	SC	A	P	P	P	P	P	A	P	P	P	P	P	A	P	A	P	P	A	P	A	14
9.	22.209	Avala Dhana Lakshmi	BC-D	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	17
10.	22.210	G Uday Simha Reddy	OC	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	00
11.	22.211	Bejavada Bhuvanesh	BC-B	P	A	P	P	A	A	P	P	P	P	P	A	P	A	P	A	P	A	P	A	13
12.	22.212	Kolusu Divya Sree	BC-D	A	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	A	P	A	14
13.	22.213	Sannala Venkata Srelekha	BC-D	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	17
14.	22.214	Done Sherly	SC	A	P	P	P	P	A	P	P	P	P	A	P	P	P	A	A	P	P	P	P	15

15.	22.215	Abdul Amanulla	BC-E	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	11	
16.	22.216	Kankipati Sankar Raman	BC-A	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	13
17.	22.217	Dhandede Sindhu	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	
18.	22.218	Talasila Poojitha	OC	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14	
19.	22.219	Ch Bhavya Lakshmi Tirupathamma	BC-A	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	14	
20.	22.220	Pamula Jaswanth Kumar	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	
21.	22.221	Tummala Bharath	SC	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14	
22.	22.222	Indupalli Smyli	SC	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	09	
23.	22.223	Valluru Divya	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	
24.	22.224	Kolla Madhu Latha	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	
25.	22.222	Viswanadha Tejaswi	OC	A	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	12	
26.	22.223	Kadima Kusuma Jyothi	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	
27.	22.227	Mohammad Nayeemuddin	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	18	
28.	22.228	Mohammad Ameenabee	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	
29.	22.229	Mudraboina Kumar Babu	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20	

*P. Vitha*

Lecturer

*Mr. V. V. V.*  
Head of the Department  
Department of Commerce

A.G. & S.G.S. Degree College

*Chandru*  
Principal  
PRINCIPAL

AG & SG Siddhartha Degree College

# 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	:	2022-23
Semester	:	I

Bridge Course

Student Enrolment Sheet

Class: I B.Sc (MPCs)

S.No:	Roll.No	Student Name	Student Signature
1	22.601	Kambhupu Pujitha	K. Pujitha
2	22.602	Valluru Samyuktha	V. Samyuktha
3	22.603	Birudukota Jayanthi	B. Jayanthi
4	22.604	Jujuvarapu Preethi	J. Preethi
5	22.605	Syed Haseena	S. Haseena
6	22.606	Sonti Madhuhar	S. Madhuhar
7	22.607	Domathoti Bindu Bhargavi	D. Bindu Bhargavi
8	22.608	Munipalli Manoj Kumar	M. Manoj Kumar
9	22.609	Arepalli Kavya Sri	A. Kavya Sri
10	22.610	Ede Pujitha	E. Pujitha
11	22.611	Abdul Sameera	Ab. Sameera
12	22.612	Rajulapati Charitasri	R. Charitasri
13	22.613	Kota Durga Pavani	K. Durga Pavani
14	22.614	Pothuboina Raghavendra	P. Raghavendra
15	22.615	Kagithala Durga	K. Durga
16	22.616	Dasari Jyoshika	D. Jyoshika
17	22.617	Jannu Bhanukumar	J. Bhanukumar
18	22.618	Sonti Nagendra Kumar	S. Nagendra Kumar
19	22.619	Danduboina Tarun Kumar	D. Tarun Kumar
20	22.620	Syed Yasmine	S. Yasmine
21	22.621	Goriparthi Sriram	G. Sriram
22	22.622	Turaka Sujitha	T. Sujitha
23	22.623	Arilli Vishnu Vardhan	A. Vishnu Vardhan
24	22.624	Maganti Charanya	M. Charanya
25	22.625	Shaik Shahera Sulthana	S. Shahera Sulthana
26	22.626	Shaheena Sultana	Shaheena Sultana
27	22.627	Mathi Kavya	M. Kavya
28	22.628	Bokinala Karthik	B. Karthik
29	22.629	Davu Charan Teja	D. Charan Teja
30	22.630	Parangi Madhuri	P. Madhuri
31	22.631	Thota Gayathri	T. Gayathri
32	22.632	Devarapalli Chanikya V Venkata Varaprasad	D.C.V.V. Varaprasad
33	22.633	Abdul Nasrinmunnisa	Ab. Nasrinmunnisa
34	22.634	Kola Indumathi	K. Indumathi
35	22.635	Ravulapati Karthik	R. Karthik
36	22.636	Addeti Madhuri	A. Madhuri
37	22.637	Nerusu Hareesh	N. Hareesh

Class : I B.Sc (MCCs)

S. No	Roll. No	Student Name	Student Signature
1	22.701	Nerusu Poorna Sri	N. Poorna Sri
2	22.702	Kanneboyina Raja Rajeswari	K. Raja Rajeswari
3	22.703	Daaram Nandini	D. Nandini
4	22.704	Batna Sravani	B. Sravani
5	22.705	Sripalasetti Gnaneswar	S. Gnaneswar
6	22.706	Kota Durga Sai	K. Durga Sai
7	22.707	Pudi Uma Maheswari	P. Uma Maheswari
8	22.708	Ande Sindhu	A. Sindhu
9	22.709	Gunde Navya Sree	G. Navya Sree
10	22.710	Golla Veera Venkateswaramma	G.V. Venkateswaramma
11	22.711	Kodali Deekshita	K. Deekshita
12	22.712	Chagantipati Ramya Sri	Ch. Ramya Sri
13	22.713	Mareedu Sai Lakshmi	M. Sai Lakshmi
14	22.714	Amudalapalli Sunitha	A. Sunitha
15	22.715	Karumuri Gopi Krishna	K. Gopi Krishna
16	22.716	Meesala Chandu	M. Chandu
17	22.717	Guruja Ravi Kiran	G. Ravi Kiran
18	22.718	Paliseti Harika	P. Harika
19	22.719	Gummadi Mallika	G. Mallika
20	22.720	Veeranki Shanmukha	V. Shanmukha
21	22.721	Garika Naveen	G. Naveen
22	22.722	Goriparthi Venkata Prasanna	G. Venkata Prasanna
23	22.723	Katragadda Ramya	K. Ramya
24	22.724	Jonnala Naga Nikhitha	J. Naga Nikhitha
25	22.725	Gandrapu Agasya Maharshi	G. Agasya Maharshi
26	22.726	Shaik Mouli	Sh. Mouli
27	22.727	Mummidivrapu Durga Prasad(Management)	M. Durga Prasad
28	22.728	Battu Ahalya Rani	B. Ahalya Rani
29	22.729	Valluru Pawan Kumar	V. Pawan Kumar
30	22.730	Gandham Vishnu Ganesh	G. Vishnu Ganesh
31	22.731	Pamarthi Lahari	P. Lahari
32	22.732	Mandapilli Trinadh	M. Trinadh
33	22.733	chaganti Kegiya	Ch. Kegiya
34	22.734	Mohammad Arif	Md. Arif
35	22.735	Dokku Hemasri	D. Hemasri
36	22.736	Veeranki Kusuma	V. Kusuma

Class : I B.Sc (MSCs)

S. No	Roll. No	Student Name	Student Signature
1	22.301	Asileti Sandeep	A. Sandeep
2	22.302	Kanneboyina Jaya sai	K. Jaya Sai
3	22.303	Reddy Dosna Gowthami	R. Jaya Sai
4	22.304	Thota Mrudula	T. Mrudula
5	22.305	Matta Veera Naga Sai	T. Veera Naga Sai
6	22.306	Sonti Naga Siva	S. Naga Siva
7	22.307	Sirigiri Srinivas	S. Srinivas
8	22.308	Chowtapalli Rohini	C. Rohini
9	22.309	Maganti Lakshmi Thirupathamma	M. Lakshmi Thirupathamma
10	22.310	Gorusu Venkata Bhaskar Rao	G. Venkata Bhaskar Rao
11	22.311	Pedasanaganti Nagesh Babu	P. Nagesh Babu
12	22.312	Jatavath Sravani	J. Sravani
13	22.313	SHAIK BAJIBI	Sh. Bajibi
14	22.314	UMMADISETTY PRAGNA	U. PRAGNA

Class : I.B.Com (CA)

S. No	Roll. No	Student Name	Student Signature
1	22.801	Vasanthavada Rupa Sri	
2	22.802	Tata Phani Kumar	
3	22.803	Tata Santhosh Babu	T. Phani Babu
4	22.804	Kukatlapalli Nandini	T. Santhosh Babu
5	22.805	Kondaveeti Manasa	K. Nandini
6	22.806	Gurivindapalli Akanksha	K. Manasa
7	22.807	Munnangi Vijaya Bhaskara Reddy	G. Akanksha
8	22.808	Mynam Tripura	M. V. Bhaskara Reddy
9	22.809	Shaik Sameera	M. Tripura
10	22.810	Katta Karunakar	P. Sameera
11	22.811	Kasimalla Naga Rani	P. P. P. Karunakar
12	22.812	Jutru Dinesh Babu	K. Karunakar
13	22.813	Boina Premanjani	J. Dinesh Babu
14	22.814	Koppula Thanmai	B. Premanjani
15	22.815	Kagga Srinivas	K. Thanmai
16	22.816	Nepala Harika	K. Srinivas
17	22.817	Kolla Lakshman	N. Harika
18	22.818	Jonnalagadda Sharonu	K. Lakshman
19	22.819	Katari Janaki	J. Sharonu
20	22.820	Manda Ujwala	K. Janaki
21	22.821	Jujavarapu Jaya	M. Ujwala
22	22.822	Goriparthi Sravanthi	J. Jaya
23	22.823	Edupuganti Raji	G. Sravanthi
24	22.824	Tummala Kalyani	E. Raji
25	22.825	Panakala Surekha	T. Kalyani
26	22.826	Gamidi Gowri Chaitanya	P. Surekha
27	22.827	Mandapaka Keerthi	G. Gowri Chaitanya
28	22.828	Masimukku Venkatesh	M. Keerthi
29	22.829	Kundeti Rajitha	M. Venkatesh
30	22.830	Potagani Lakshmi Thirupathamma	K. Rajitha
31	22.831	Nerusu Venkata Sravanthi	P. L. Thirupathamma
32	22.832	Devanaboyina Anusha	N. Venkata Sravanthi
33	22.833	Chittibomma Muneeswari	D. Anusha
34	22.834	Choragudi Kranthi	Ch. Muneeswari
35	22.835	Tummapudi Sruthi	C. Kranthi
36	22.836	Yedlapalli Kavya	T. Sruthi
37	22.837	Mullapudi Kesava Rama Sri Phanindra	Y. Kavya
			M. K. R. Sri Phanindra



**Class : I B.Com (e-Commerce)**

S. No	Roll. No	Student Name	Student Signature
1	22.201	Konatham Balaji	K. Balaji
2	22.202	Pulivarthi Bharath Kumar	P. Bharath Kumar
3	22.203	Talakaturi Pallavi	T. Pallavi
4	22.204	Nerusu Tripura	N. Tripura
5	22.205	Yarlagadda Tanuja	Y. Tanuja
6	22.206	Gudapati Hareesh	G. Hareesh
7	22.207	Namburi Akhil Babu	M. Akhil Babu
8	22.208	Sirigiri Aanil	S. Aanil
9	22.209	Avala Dhana Lakshmi	A. Dhana Lakshmi
10	22.210	G Uday Simha Reddy	G. Uday Simha Reddy
11	22.211	Bejavada Bhuvanesh	B. Bhuvanesh
12	22.212	Kolusu Divya Sree	K. Divya Sree
13	22.213	Sannala Venkata Srilekha	S. Venkata srilekha
14	22.214	Done Sherly	D. Sherly
15	22.215	Abdul Amanulla	Ab. Amanulla
16	22.216	Kankipati Sankar Raman	K. Sankar Raman
17	22.217	Dhande Sindhu	D. Sindhu
18	22.218	Talasila Poojitha	T. Poojitha
19	22.219	Chagantipati Bhavya Lakshmi Tirupathamma	Ch. B.L. Tirupathamma
20	22.220	Pamula Jaswanth Kumar	P. Jaswanth Kumar
21	22.221	Tummala Bharath	T. Bharath
22	22.222	Indupalli Smyli	I. Smyli
23	22.223	Valluru Divya	V. Divya
24	22.224	Kolla Madhu Latha	K. Madhu Latha
25	22.225	Viswanadha Tejaswi	V. Tejaswi
26	22.226	Kadima Kusuma Jyothi	K. Kusuma Jyothi
27	22.227	Mohammad Nayeemuddin	M. Nayeemuddin
28	22.228	Mohammad Ameenabee	Md. Ameenabee
29	22.229	Mudraboina Kumar Babu	M. Kumar Babu

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**

**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	Total
1	22.601	Kambhapu Pujitha	P	P	P	P	A	P	P	P	P	A	
2	22.602	Valluru Samyuktha	P	P	P	A	P	P	A	P	P	A	
3	22.603	Birudukota Jayanthi	P	P	P	P	A	P	P	P	P	P	
4	22.604	Jujuvarapu Preethi	P	P	P	P	P	P	A	P	P	P	
5	22.605	Syed Haseena	P	P	P	A	P	P	P	P	A	P	
6	22.606	Sonti Madhuhar	P	P	P	P	A	P	P	A	P	P	
7	22.607	Domathoti Bindu Bhargavi	P	P	A	P	P	P	A	P	P	P	
8	22.608	Munipalli Manoj Kumar	P	P	P	A	P	P	P	A	P	P	
9	22.609	Arepalli Kavya Sri	P	P	P	P	A	P	P	P	A	P	
10	22.610	Ede Pujitha	P	P	P	P	P	P	P	A	P	P	
11	22.611	Abdul Sameera	P	P	A	P	P	P	P	A	P	P	
12	22.612	Rajulapati Charitasri	P	P	P	P	A	P	P	P	A	P	
13	22.613	Kota Durga Pavani	P	P	A	P	P	P	A	P	P	A	
14	22.614	Pothuboina Raghavendra	P	P	P	A	P	A	P	P	P	P	
15	22.615	Kagithala Durga	P	P	A	P	P	P	P	A	P	P	
16	22.616	Dasari Jyoshika	P	P	A	P	P	P	A	P	P	P	
17	22.617	Jannu Bhanukumar	P	P	P	A	P	P	P	P	P	A	
18	22.618	Sonti Nagendra Kumar	P	P	A	P	P	P	P	P	P	P	
19	22.619	Danduboina Tarun Kumar	P	P	P	A	P	P	P	A	P	P	
20	22.620	Syed Yasmine	P	P	A	P	P	P	P	A	P	P	
21	22.621	Goriparthi Sriram	P	P	A	P	P	P	P	A	P	P	
22	22.622	Turaka Sujitha	P	A	P	P	P	P	A	P	P	P	
23	22.623	Arilli Vishnu Vardhan	P	P	P	A	P	P	P	P	A	P	
24	22.624	Maganti Charanya	P	P	P	P	A	P	P	P	A	P	
25	22.625	Shaik Shahera Sulthana	P	P	P	A	P	P	A	P	P	P	
26	22.626	Shaheena Sultana	P	A	P	A	P	P	A	P	P	P	
27	22.627	Mathi Kavya	P	P	P	P	A	P	P	A	P	P	
28	22.628	Bokinjala Karthik	P	P	P	P	P	P	P	A	P	P	
29	22.629	Davu Charan Teja	P	P	P	A	P	P	A	P	P	P	
30	22.630	Parangi Madhuri	P	P	P	P	A	P	A	P	P	P	
31	22.631	Thota Gayathri	P	P	A	P	P	P	P	A	P	P	
32	22.632	Devarapalli Chanikya V Venkata Varaprasad	P	P	P	A	P	P	P	A	P	A	
33	22.633	Abdul Nasrinmunnisa	P	P	A	P	P	A	P	P	A	P	
34	22.634	Kola Indumathi	P	P	P	P	A	P	P	P	A	P	
35	22.635	Ravulapati Karthik	P	P	A	P	P	A	P	P	P	P	
36	22.636	Addeti Madhuri	P	P	A	P	P	P	P	P	P	P	
37	22.637	Nerusu Hareesh	P	P	P	P	A	P	P	P	P	P	

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

**Bridge Course - Attendance Register**

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

S.No	Roll.No	Student Name	1	2	3	4	5	6	7	8	9	10	Total
1	22.701	Nerasu Poorna Sri	P	P	P	P	A	P	P	P	P	P	
2	22.702	Kanneboyina Raja Rajeswari	P	P	P	P	A	P	P	P	P	P	
3	22.703	Daaram Nandini	P	P	P	P	A	P	P	P	P	P	
4	22.704	Batna Sravani	P	P	A	P	P	A	P	P	P	P	
5	22.705	Sripalasetti Gnaneswar	P	P	P	A	P	P	A	P	P	P	
6	22.706	Kota Durga Sai	P	P	P	A	A	P	P	P	P	P	
7	22.707	Pudi Uma Maheswari	P	P	A	P	P	P	A	P	P	P	
8	22.708	Ande Sindhu	P	P	P	A	P	A	P	P	P	P	
9	22.709	Gunde Navya Sree	P	P	P	P	A	P	P	A	P	P	
10	22.710	Golla Veera Venkateswaramma	P	A	P	P	P	A	P	P	P	P	
11	22.711	Kodali Deekshita	P	P	A	P	P	P	A	P	P	P	
12	22.712	Chagantipati Ramya Sri	P	P	A	P	P	P	A	P	P	P	
13	22.713	Mareedu Sni Lakshmi	P	P	P	A	P	P	A	P	P	P	
14	22.714	Amudalapalli Sunitha	P	P	A	P	P	A	P	P	P	P	
15	22.715	Karumuri Gopi Krishna	P	P	P	A	P	P	A	P	P	P	
16	22.716	Meesala Chandu	P	P	A	P	P	A	P	P	P	P	
17	22.717	Guruja Ravi Kiran	P	P	P	A	P	P	P	A	P	P	
18	22.718	Paliseti Harika	P	A	P	P	P	P	P	A	P	P	
19	22.719	Gummadi Mallika	P	P	P	P	A	P	P	P	P	A	
20	22.720	Veeranki Shanmukha	P	P	P	A	P	P	P	A	P	P	
21	22.721	Garike Naveen	P	P	P	A	P	A	P	P	A	P	
22	22.722	Goriparthi Venkata Prasanna	P	P	P	A	P	P	P	P	A	P	
23	22.723	Katragadda Ramya	P	P	P	P	A	P	A	P	P	P	
24	22.724	Jonnala Naga Nikhitha	P	P	P	A	P	P	P	A	P	P	
25	22.725	Gandrapu Agasya Maharshi	P	P	A	P	P	A	P	P	A	P	
26	22.726	Shaik Mouli	P	P	A	P	P	P	P	A	P	P	
27	22.727	Mummdivrapu Durga Prasad(Management)	P	P	P	A	P	P	P	A	P	P	
28	22.728	Battu Ahalya Rani	P	P	P	A	P	P	A	P	P	P	
29	22.729	Valluru Pawan Kumar	P	A	P	P	P	A	P	P	P	P	
30	22.730	Gandham Vishnu Ganesh	P	P	P	A	P	P	P	P	P	A	
31	22.731	Pamarthi Lahari	P	A	P	P	P	A	P	P	P	P	
32	22.732	Mandapilli Trinadh	P	P	A	P	P	A	P	P	P	P	
33	22.733	chaganti Kegiya	P	P	P	A	P	P	P	P	A	P	
34	22.734	Mohammad Arif	P	P	A	P	P	P	A	P	P	P	
35	22.735	Dokku Hemasri	P	P	P	P	A	P	P	P	A	P	
36	22.736	Veeranki Kusuma	P	P	P	P	A	P	P	P	P	P	

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

**Bridge Course - Attendance Register**

**Class : I B.Sc(MSC's)**

S.No	Roll.No	Student Name	1	2	3	4	5	6	7	8	9	10	Total
1	22.301	Asileti Sandeep	P	P	P	A	A	A	P	P	P	P	
2	22.302	Kanneboyina Jaya sai	P	P	P	A	P	P	P	A	P	P	
3	22.303	Reddy Dosna Gowthami	P	P	A	P	P	P	A	P	P	A	
4	22.304	Thota Mrudula	P	P	P	P	A	P	P	P	A	P	
5	22.305	Matta Veera Naga Sai	P	P	P	P	A	P	P	P	P	P	
6	22.306	Sonti Naga Siva	P	A	P	P	P	P	P	P	P	P	
7	22.307	Sirigiri Srinivas	P	P	A	P	P	P	P	P	P	P	
8	22.308	Chowtapalli Rohini	P	P	A	P	P	P	P	P	P	P	
9	22.309	Maganti Lakshmi Thirupathamma	P	P	A	P	P	A	P	P	P	P	
10	22.310	Gorusu Venkata Bhaskar Rao	P	P	A	P	P	P	A	P	P	P	
11	22.311	Pedasanaganti Nagesh Babu	P	P	A	P	P	P	P	P	P	P	
12	22.312	Jatavath Sravani	P	P	P	P	A	P	P	P	P	P	
13	22.313	SHAIK BAJIBI	P	P	P	A	P	P	P	A	P	P	
14	22.314	Ummadisetty pragna	P	P	A	P	P	P	A	P	P	P	

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

**Bridge Course - Attendance Register**

**Class : I.B.COM(CA)**


S.No	Roll.No	Student Name	1	2	3	4	5	6	7	8	9	10	Total
1	22.801	Vasanthavada Rupa Sri	P	A	P	P	P	P	A	P	P	P	
2	22.802	Tata Phani Kumar	P	P	P	P	P	P	P	P	P	P	
3	22.803	Tata Santhosh Babu	P	P	P	P	P	P	P	P	P	P	
4	22.804	Kukatlapalli Nandini	P	P	P	P	P	P	P	P	P	P	
5	22.805	Kondaveeti Manasa	P	P	P	P	P	P	P	P	P	P	
6	22.806	Gurivindapalli Akanksha	P	P	P	A	P	P	A	P	P	P	
7	22.807	Munnangi Vijaya Bhaskara Reddy	P	P	A	P	P	A	P	P	P	P	
8	22.808	Mynam Tripura	P	P	P	A	P	P	P	P	P	P	
9	22.809	Shaik Sameera	P	P	P	P	P	P	P	P	P	P	
10	22.810	Katta Karunakar	P	P	P	P	P	P	P	P	P	P	
11	22.811	Kasimalla Naga Rani	P	P	P	P	P	P	P	P	P	P	
12	22.812	Jutru Dinesh Babu	P	P	P	P	P	P	P	P	P	P	
13	22.813	Boina Premanjani	P	P	P	P	P	P	P	P	P	P	
14	22.814	Koppula Thanmai	P	P	P	P	P	P	P	P	P	P	
15	22.815	Kagga Srinivas	P	P	P	P	P	P	P	P	P	P	
16	22.816	Nepala Harika	P	P	P	P	P	P	P	P	P	P	
17	22.817	Kolla Lakshman	P	P	P	P	P	P	P	P	P	P	
18	22.818	Jonnalagadda Sharonu	P	P	P	P	P	P	P	P	P	P	
19	22.819	Katari Janaki	P	P	P	P	P	P	P	P	P	P	
20	22.820	Manda Ujwala	P	P	P	P	P	P	P	P	P	P	
21	22.821	Jujjavarapu Jaya	P	P	P	P	P	P	P	P	P	P	
22	22.822	Goriparthi Sravanthi	P	P	P	P	P	P	P	P	P	P	
23	22.823	Edupuganti Raji	P	P	P	P	P	P	P	P	P	P	
24	22.824	Tummala Kalyani	P	P	P	P	P	P	P	P	P	P	
25	22.825	Panakala Surekha	P	P	P	P	P	P	P	P	P	P	
26	22.826	Gamidi Gowri Chaitanya	P	A	P	P	P	P	A	P	P	P	
27	22.827	Mandapaka Keerthi	P	P	P	P	P	P	A	P	P	P	
28	22.828	Masimukku Venkatesh	P	P	P	P	P	P	P	P	P	P	
29	22.829	Kundeti Rajitha	P	P	P	P	P	P	P	P	P	P	
30	22.830	Potagani Lakshmi Thirupathamma	P	P	P	P	P	P	P	P	P	P	
31	22.831	Nerusu Venkata Sravanthi	P	P	P	P	P	P	P	P	P	P	
32	22.832	Devanaboyina Anusha	P	A	P	P	P	P	P	P	P	P	
33	22.833	Chittibomma Muneeswari	P	P	P	P	P	P	P	P	P	P	
34	22.834	Choragudi Kranthi	P	P	P	P	P	P	P	P	P	P	
35	22.835	Tummapudi Sruthi	P	P	P	P	P	P	P	P	P	P	
36	22.836	Yedlapalli Kavya	P	P	P	P	P	P	P	P	P	P	
37	22.837	Mullapudi Kesava Rama Sri Phanindra	P	P	P	P	P	P	P	P	P	P	

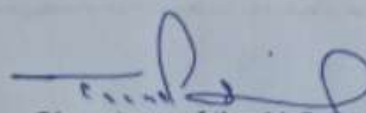
**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
 Vuyyuru-521165, Krishna District, Andhra Pradesh

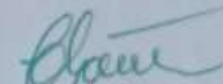
**Bridge Course - Attendance Register**

**Class : I.B.COM(e-commerce)**

S.No	Roll.No	Student Name	1	2	3	4	5	6	7	8	9	10	Total
1	22.201	Konatham Balaji	P	P	P	P	P	P	P	P	P	P	
2	22.202	Pulivarthi Bharath Kumar	P	P	P	A	P	P	P	P	A	P	
3	22.203	Talakaturi Pallavi	P	P	A	P	P	P	A	P	P	P	
4	22.204	Nerusu Tripura	P	A	P	P	A	P	P	P	P	P	
5	22.205	Yarlagadda Tanuja	P	P	P	P	P	P	P	P	P	P	
6	22.206	Gudapati Hareesh	P	A	P	P	P	P	P	P	P	P	
7	22.207	Namburi Akhil Babu	P	P	A	P	P	P	P	P	P	P	
8	22.208	Sirigiri Anil	P	A	P	P	A	P	P	P	P	P	
9	22.209	Avala Dhana Lakshmi	P	P	P	A	P	P	P	P	P	P	
10	22.210	G Uday Simha Reddy	P	P	A	P	P	P	P	A	P	P	
11	22.211	Bejavada Bhuvanesh	P	A	P	P	P	P	P	P	P	P	
12	22.212	Kolusu Divya Sree	P	P	A	P	P	P	P	P	A	P	
13	22.213	Sannala Venkata Srilekha	P	A	P	P	A	P	P	P	P	P	
14	22.214	Done Sherly	P	A	P	P	P	A	P	P	P	P	
15	22.215	Abdul Amanulla	P	P	P	A	P	P	P	P	A	P	
16	22.216	Kankipati Sankar Raman	P	A	P	P	P	P	A	P	P	P	
17	22.217	Dhande Sindhu	P	P	A	P	P	P	P	P	A	P	
18	22.218	Talasila Poojitha	P	P	P	A	P	P		A		P	
19	22.219	Chagantipati Bhavya Lakshmi Tirupathamma	P	A	P	P	P	A	P	P	P	P	
20	22.220	Pamula Jaswanth Kumar	P	A	P	P	P	P	A	P	P	P	
21	22.221	Tummala Bharath	P	P	P	A	P	P	P	P	A	P	
22	22.222	Indupalli Smyli	P	P	A	P	P	P	P	P	P	P	
23	22.223	Valluru Divya	P	P	P	P	P	P	P	P	P	P	
24	22.224	Kolla Madhu Latha	P	A	P	P	P	P	P	P	P	P	
25	22.225	Viswanadha Tejaswi	P	P	P	A	P	P	P	P	P	P	
26	22.226	Kadima Kusuma Jyothi	P	A	P	P	P	P	A	P	P	P	
27	22.227	Mohammad Nayeemuddin	P	A	P	P	P	P	A	P	P	P	
28	22.228	Mohammad Ameenabee	P	P	P	A	P	P	P	P	A	P	
29	22.229	Mudraboina Kumar Babu	P	P	A	P	P	P	P	A	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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**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.

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)

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c) Diligence  d) I.Q.

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

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c) System Software  d) Package

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

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c) Light pen  d) VDU

5) Define Computer? (2 Marks)

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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, entertainment, etc.

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

Keyboard, mouse, joystick, light pen, Trackball, Touch Screen, Touch pad, Scanner, bar code scanner etc.

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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

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c) Diligence  d) I.Q.

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

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c) System Software  d) Package

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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 fields, government offices, entertainment, etc.

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

Keyboard, mouse, joystick, lightpen, trackball, touch screen, touch pad, screen, scanner, bar code scanner etc.

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)

A computer is an electronic device which takes input from user, stores the data, processes the data and gives the output

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

Computer is used in various fields in day to day life such as educational institutions, medical fields, entertainment, Railway, Airways etc..

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

Keyboard, Mouse, Scanner, Touch Screen, Light Pen, Barcode Scanner etc..

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

(An Autonomous College in the Jurisdiction of Krishna University)

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Question Paper

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 manipulate's information.  
It takes input from user, process the data and gives output  
to the user

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

Computers are used in every field of life, such as home, business,  
educational institutions, research organizations, the medical field, govern-  
ment offices, entertainment, etc.

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

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

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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 : Economics

Academic year : 2022-23

Semester : I

2

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class : Ist BA

S. No	Roll No.	Name of the Student	Signature
1	2211001	V. Durga Prasad	v. Durga Prasad
2	2211002	K. Sree lokesh	K. Sree lokesh
3	2211003	N. Ravali	N. Ravali
4	2211004	B. Sampath	B. Sampath
5	2211005	L. Leela Manoj kumar	L. Leela manojkumar
6	2211006	B. Siva Leela	B. Siva Leela
7	2211007	P. Naga Malleswari	P. Naga Malleswari
8	2211008	V. Harshavardhan	V. Harshavardhan
9	2211009	M. Akhila	M. Akhila
10	2211011	A. Bhargavi	A. Bhargavi.
11	2211012	G. ch. V. Sai Ram	ch. V. Saikam.
12	2211013	M. Sireesha	M. Sireesha
13	2211014	N. Gayatri	N. Gayatri
14	2211015	V. Thirupathamma	V. Thirupathamma
15	2211017	M. Balaji Eswari	m. Balaji Eswari.

N. Ramana

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

  
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

**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.



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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.

- 8. **Market Failures:** Markets may fail to achieve efficiency in certain situations, such as when there are externalities (costs or benefits affecting third parties), information asymmetry, or the presence of public goods. In such cases, government intervention may be necessary to correct market failures.
- 9. **Macroeconomics and Microeconomics:** Macroeconomics studies the behavior of the economy as a whole, focusing on aggregate variables such as economic growth, inflation, and unemployment. Microeconomics analyzes the behavior of individual consumers, firms, and markets.
- 10. **Rationality and Decision-Making:** Economists often assume that individuals are rational decision-makers who seek to maximize their own self-interest based on the available information. However, this assumption recognizes that individuals have different preferences and goals.

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

MICRO ECONOMICS

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

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

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

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

9. Game Theory: Microeconomics incorporates game theory to analyze strategic interactions among individuals or firms. It examines how individuals' decisions are influenced by the actions and expectations of others and how outcomes can be affected by cooperation, competition, and strategic behavior.
10. Behavioral Economics: Microeconomics incorporates insights from psychology and behavioral sciences to understand how individuals' cognitive biases and heuristics influence their economic decision-making. It explores deviations from traditional economic assumptions and their implications for market outcomes.

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

## QUESTION PAPER



1. Economics is a science which deals with c.
  - a. matters and substance
  - b. chemicals and reactions
  - ~~c.~~ human wants and resources
  - d. numbers and combinations
  
2. Microeconomics deals with the study of d economic entities.
  - a. Aggregate
  - b. Individual
  - c. Macro
  - ~~d.~~ Socio
  
3. Macroeconomics deals with b economic entities.
  - a. Aggregate
  - ~~b.~~ Individual
  - c. Micro
  - d. Socio
  
4. a is an example of Microeconomic theory.
  - ~~a.~~ Theory of Consumption
  - b. Theory of Economic Growth
  - c. Theory of Money
  - d. Theory of Income, Employment and Output
  
5. b is an example of Macroeconomic theory.
  - a. Theory of Production
  - ~~b.~~ Theory of Rent
  - c. General Theory
  - d. Theory of Profit
  
6. Opportunity costs are c measured in monetary terms.
  - a. Always
  - b. Can be
  - ~~c.~~ Not

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

B. Samadh

N. Vasudevan  
Head, Department of Economics  
A.G. & S.G. Sudhartha Degree College  
(Autonomous), MUYURU - 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: IB-A

Year : 2022-23 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	2211001	V. Durga prasad	BC-D	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	18
2	2211002	K. sree lokesh	Sc	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	17
3	2211003	N. Ravali	Sc	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	18
4	2211004	B. sampath	S	P	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	17
5	2211005	L. leelamanoj kumar	B.C.D	P	P	P	A	P	P	P	A	P	P	A	P	P	P	A	P	P	P	P	P	16
6	2211006	B. silva leela	S.C	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	18
7	2211007	P. naga malleswari	B.C.D	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	18
8	2211008	V. Harshavardhan	Sc	P	P	P	A	P	P	P	A	P	P	P	A	P	P	A	P	P	P	P	P	16
9	2211009	M. Akhila	Sc	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	17
10	2211011	A. Bharagani	BC-A	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	18
11	2211012	Gr. ch. u. Sai Ram	BC-B	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	18
12	2211013	M. siresha	BC-B	P	P	P	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	17
13	2211014	N. Gayatri	oc.	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	18
14	2211015	V. Thirupthamma	oc	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	18
15	2211017	M. Balaji ESINOR.	B.C.D	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	18

N. Rama Rao

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

  
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

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**Internal Quality Assurance Cell (IQAC)**

## **Bridge Course**

Department : ENGLISH  
Academic year : 2022-23  
Semester : I

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

**Bridge Course**  
**Student Enrolment Sheet**  
**2022-2023**

**Class : ALL PROGRAMMES**

S.No	Roll No.	Name of the student	Signature
1	22.101	Dupati Thirupatamma	D. Thirupatamma
2	22.102	Chilukuri Mounika	Ch. Mounika
3	22.103	Baditha Pujitha	Baditha Pujitha
4	22.104	Jampana Krupanidhi	Sala. Durga Raghava
5	22.105	Sala Durga Raghava	J. Krupanidhi
6	22.106	Koyyana Naga Lakshmi	K. N. Lakshmi
7	22.107	Gudise Kavya	G. Kavya
8	22.108	Kandru Vishal Babu	K. Vishal Babu
9	22.109	Mathangi Sunitha	M. Sunitha
10	22.110	Gudise Aswini	G. Aswini
11	22.111	Madiri Santosh Kumar	G. Aswini
12	22.112	Veeranki Srikanth	V. Srikanth
13	22.113	Mulagalapalli Chaitanya	M. Chaitanya
14	22.114	Ganjala Bhavani Katyayini	G. B. Katyayini
15	22.115	Pittu Pujitha	P. Pujitha
16	22.116	Marada Swathi	M. Swathi
17	22.117	Jujjuvarapu Harish	Jujjuvarapu. Harish
18	22.118	Kolluri Naga Babu	K. Naga Babu
19	22.119	Mirza Bakhar Ali	M. Bakhar Ali
20	22.120	Siddela Vijay	S. Vijay
21	22-601	K.Pujitha	K. Pujitha
22	22-602	V.Samyuktha	V. Samyuktha
23	22-603	B.Jayanthi	B. Jayanthi
24	22-604	J.Preethi	J. Preethi
25	22-605	S.Haseena	S. Haseena
26	22-606	S.Madhuhar	S. Madhuhar
27	22-607	D.Bindu bhargavi	D. Bindu bhargavi
28	22-608	M.Manoj kumar	M. Manoj kumar
29	22-609	A.Kavya sri	A. Kavya Sri
30	22-610	E.Pujitha	E. Pujitha
31	22-611	A.Sameera	A. Sameera

32	202612	R.Charitha sri	R. Charitha Sri
33	22-613	K.Durga pavani	K. Durga Pavani
34	22-614	P.Raghavendra	P. Raghavendra
35	22-615	K.Durga	K. Durga
36	22-616	D.Jhoshika	D. Jhoshika
37	22-617	J.Bhanukumar	J. Bhanu Kumar
38	22-618	S.Nagendra kumar	S. Nagendra Kumar
39	22-619	D.Tarun kumar	D. Tarun Kumar
40	22-620	SD.Yasmine	SD. Yasmine
41	22.301	Asileti Sandeep	A. Sandeep
42	22.302	Kanneboyina Jaya sai	K. Jaya Sai
43	22.303	Reddy Dosna Gowthami	R.D. Gowthami
44	22.304	Thota Mrudula	T. Mrudula
45	22.305	Matta Veera Naga Sai	M. Veera Naga Sai
46	22.306	Sonti Naga Siva	S. Naga Siva
47	22.307	Sirigiri Srinivas	Sirigiri Srinivas
48	22.308	Chowtapalli Rohini	Ch. Rohini
49	22.309	Maganti Lakshmi Thirupathamma	M. Lakshmi Thirupathamma
50	22.310	Gorusu Venkata Bhaskar Rao	G. V. Bhaskar Rao

1. 
2. R.V.V. Aparna.

Lecturer

  
H.O.D

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 2022-23.

### **Objectives**

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

### **Methodology**

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

### **Syllabus for Bridge Course**

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

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

**Course Period:** 2 Weeks (21-11-2022 to 5-12-2022)

### **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.










49	22.309	M. Lakshmi Thirupathamma	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
50	22.310	Gorusu Venkata Bhaskar Rao	BC-A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	19

1. 
2. R.V.V. Aravna.  
(Lecturer)

  
(H.O.D)

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

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**2022-23**

## **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





Regd. no.	Name of the student	25/10	27/10	29/10	31/10	5/11	8/11	Marks
2253711	K. Deckshitha	P	P	P	P	P	P	10
712	Ch. Ramya Sri	P	P	P	P	P	P	10
713	H. Sai lakshmi	P	P	P	P	P	P	10
715	K. Gopi Krishna	P	P	P	P	P	P	10
717	G. Ravi Kiran	P	P	P	P	P	P	10
718	P. Harika	P	P	P	P	P	P	10
719	G. Mallika	P	P	P	P	P	P	10
720	Veeranki. Shanmukha.	P	P	P	P	P	P	10
721	G. Naveen	P	P	P	P	P	P	10
723	K. Ramya	P	P	P	P	P	P	10
725	G. Agasya Maharshi	P	P	P	P	P	P	10
726	SK. Howli	P	P	P	P	P	P	10
727	V. Pawan Kumar	P	P	P	P	P	P	10
730	G. Vishnu Ganesh	P	P	P	P	P	P	10
732	H. Trinadh	P	P	P	P	P	P	10
734	MD. ARIF	P	P	P	P	P	P	10
735	D. Hemaxi	P	P	P	P	P	P	10
733	Ch. Kegiya	P	P	P	P	P	P	10
2252801	V. Rupa Sri	P	P	P	P	P	P	10
805	K. Manasa	P	P	P	P	P	P	10
806	G. Akanksha	P	P	P	P	P	P	10
813	Boina. premanjani	P	P	P	P	P	P	10
816	N. Harika	P	P	P	P	P	P	10
821	J. Jayol	P	P	P	P	P	P	10
824	T. kalyani	P	P	P	P	P	P	10
825	P. Suresha.	P	P	P	P	P	P	10
827	M. keerthi	P	P	P	P	P	P	10
808	M. Toipusa.	P	P	P	P	P	P	10

Roll no	Name of the student	25/10	27/10	29/10	1/11	3/11	5/11	8/11	Marks
2242905	Md. Shasmila Begum	P	P	P	P	P	P	P	10
904	Shaik. Hazana	P	P	P	P	P	P	P	10
906	Sk. Sadiya Sultana	P	P	P	P	P	P	P	10
908	Abdul. Sabceunnisa	P	P	P	P	P	P	P	10
911	Sk. Shakeeunnisa	P	P	P	P	P	P	P	10.

Sh. Anwar  
Sign of Man



2022-23

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

BRIDGE COURSE HINDI QUESTION PAPER

10  
10

Sk. Mouli - 22726

1. हिन्दी वर्णमाला लिखिए

1X4=4M

क ख ग घ ङ  
च छ ज झ ञ  
ट ठ ड ढ ण  
त थ द ध न  
प फ ब भ म  
य र ल व श ष स ह ळ त्र श

2. क वर्ग का बारह खड़ी लिखिए । 1X2=2M

का की कि कु कू कृ के कै काँ काँ कं कः

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

1. स्क 2. स्व

4. उक्त लेखन

1X2=2M

1. पुस्तक

2. ज्ञान

BRIDGE COURSE HINDI QUESTION PAPER

10  
10

K.S. Deekshitha - 285374

1. हिन्दी वर्णमाला लिखिए 1X4=4M

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

2. क वर्ग का बारह खडी लिखिए । 1X2=2M

का की कि कु कु कु के के के के  
के के

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

1) स्क 2) स्व

4. उक्त लेखन 1X2=2M

1) पुस्तक.  
2) ध्यान

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

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

### **Bridge Course**

Department	:	HISTORY
Academic year	:	2022-2023
Semester	:	I SEMESTER

**Bridge Course**

**Student Enrolment Sheet**

**Class : I.B.A**

S. No	Roll No.	Name of the Student	Signature
1	2211001	Vankala. Durga prasad	V. Durga Prasad
2	2211002	Kodali. Sree lokesh	K. Sree Lokesh
3	2211003	Nalluri. Ravali	N. Ravali
4	2211008	Vandapalli Harshavardhan	V. Harshavardhan
5	2211009	maddu. Akhil	M. Akhil
6	2211010	Ampolu. Bhargavi	A. Bhargavi
7	2211013	Midi dadda. sireesha	M. Sireesha
8	2211018	Garike. meenakshi	G. Meenakshi
9	2211019	pathuri. Harish	P. Harish
10	2211021	Kodali. Santosh kumar	K. Santosh Kumar
11	2211022	Baitapalli. Harika Sri	B. Harika Sri
12	2211023	Kommu. pushpa	K. Pushpa
13	2211024	Kurra. Rajesh	K. Rajesh
14	2211025	Vaka. Manasa	V. Manasa
15	2211027	chilukuri. Sunil.	Sunil

T. Narasimha Rao

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

Chauhan  
PRINCIPAL

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

**Bridge Course****Syllabus**

<b>Unit No.</b>	<b>Topic to be covered</b>	<b>Remarks</b>
<b>I</b>	INDUS VALLEY CIVILIZATION	
<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):****INDUS VALLEY CIVILIZATION**

The Indus Valley Civilisation[1] (IVC), also known as the Indus Civilisation, was a Bronze Age civilisation in the northwestern regions of South Asia, lasting from 3300 BCE to 1300 BCE, and in its mature form 2600 BCE to 1900 BCE.[2][a] Together with ancient Egypt and Mesopotamia, it was one of three early civilisations of the Near East and South Asia, and of the three, the most widespread, its sites spanning an area from much of Pakistan, to northeast Afghanistan, and northwestern India.[3][b] The civilisation flourished both in the alluvial plain of the Indus River, which flows through the length of Pakistan, and along a system of perennial monsoon-fed rivers that once coursed in the vicinity of the Ghaggar-Hakra, a seasonal river in northwest India and eastern Pakistan.[2][4]

The term Harappan is sometimes applied to the Indus civilisation after its type site Harappa, the first to be excavated early in the 20th century in what was then the Punjab province of British India and is now Punjab, Pakistan.[5][c] The discovery of Harappa and soon afterwards Mohenjo-daro was the culmination of work that had begun after the founding of the Archaeological Survey of India in the British Raj in 1861.[6] There were earlier and later cultures called Early Harappan and Late Harappan in the same area. The early Harappan cultures were populated from Neolithic cultures, the earliest and best-known of which is Mehrgarh, in Balochistan, Pakistan.[7][8] Harappan civilisation is sometimes called Mature Harappan to distinguish it from the earlier cultures.

The cities of the ancient Indus were noted for their urban planning, baked brick houses, elaborate drainage systems, water supply systems, clusters of large non-residential buildings, and techniques of handicraft and metallurgy.[d] Mohenjo-daro and Harappa very likely grew to contain between 30,000 and 60,000 individuals,[10] and the civilisation may have contained between one and five million individuals during its florescence.[11] A gradual drying of the region during the 3rd millennium BCE may have been the initial stimulus for its urbanisation. Eventually it also reduced the water

supply enough to cause the civilisation's demise and to disperse its population to the east.[e]

The Indus Valley Civilisation was roughly contemporary with the other riverine civilisations of the ancient world: Ancient Egypt along the Nile, Mesopotamia in the lands watered by the Euphrates and the Tigris, and China in the drainage basin of the Yellow River and the Yangtze. By the time of its mature phase, the civilisation had spread over an area larger than the others, which included a core of 1,500 kilometres (900 mi) up the alluvial plain of the Indus and its tributaries. In addition, there was a region with disparate flora, fauna, and habitats, up to ten times as large, which had been shaped culturally and economically by the Indus.[26][l]

Around 6500 BCE, agriculture emerged in Balochistan, on the margins of the Indus alluvium.[27][m][28][n] In the following millennia, settled life made inroads into the Indus plains, setting the stage for the growth of rural and urban settlements.[29][o] The more organized sedentary life, in turn, led to a net increase in the birth rate.[27][p] The large urban centres of Mohenjo-daro and Harappa very likely grew to containing between 30,000 and 60,000 individuals, and during the civilisation's florescence, the population of the subcontinent grew to between 4–6 million people.[27][q] During this period the death rate increased, as the close living conditions of humans and domesticated animals led to an increase in contagious diseases.[28][r] According to one estimate, the population of the Indus civilisation at its peak may have been between one and five million.[30][s]

The civilisation extended from Balochistan in the west to western Uttar Pradesh in the east, from northeastern Afghanistan in the north to Gujarat state in the south.[24] The largest number of sites are in the Punjab region, Gujarat, Haryana, Rajasthan, Uttar Pradesh, Jammu and Kashmir states,[24] Sindh, and Balochistan.[24] Coastal settlements extended from Sutkagan Dor[31] in Western Baluchistan to Lothal[32] in Gujarat. An Indus Valley site has been found on the Oxus River at Shortugai,[33] in the Gomal River valley in northwestern Pakistan,[34] at Manda, Jammu on the Beas River near Jammu,[35] and at Alamgirpur on the Hindon River, only 28 km (17 mi) from Delhi.[36] The southernmost site of the Indus Valley Civilisation is Daimabad in Maharashtra. Indus Valley sites have been found most often on rivers, but also on the ancient seacoast,[37] for example, Balakot (Kot Bala),[38] and on islands, for example, Dholavira.[

## BITS

1. **Gir National Park is situated in, which city?**
  - (A) Bihar
  - (B) Allahabad
  - (C) West Bengal
  - (D) Gujara
  
2. **Madharasas are the schools of, which caste?**
  - (A) Jain
  - (B) Hindus
  - (C) Muslims
  - (D) Christians
  
3. **Shore temple is located at, Which City?**
  - (A) Calicut
  - (B) Sanapur
  - (C) Patna
  - (D) Mahabalipuram
  
4. **Red Cross was founded by, Which ?**
  - (A) A.Cursetji
  - (B) Badel Powell
  - (C) J.H.Durant
  - (D) Trygve Lie
  
5. **The gas used to extinguish fire, Which gas is?**
  - (A) Carbon Monoxide
  - (B) Neon
  - (C) Nitrogen
  - (D) Carbon Dioxide
  
6. **The largest part of the human brain part is?**
  - (A) Cerebellum
  - (B) Midbrain
  - (C) Cerebrum
  - (D) Medulla Oblongata
  
7. **The amount of light entering the eye is regulated by which?**
  - (A) Schlera
  - (B) Iris

- (C) Pupil
- (D) Ciliary Body

8. **The biggest oil refinery in India is at, which city?**

- (A) Mathura
- (B) Koyali
- (C) Digboi
- (D) Haldia

9. **Abdul Qadir Badauni, Nakib Khan and Thaneshwar were in whose court?**

- (A) Akbar
- (B) Jahangir
- (C) Shah Jahan
- (D) Aurangzeb

10. **Information about which ruler is available in the iron pillar of Mehrauli (Delhi)?**

- (A) Kumaragupta
- (B) Vikramaditya
- (C) Chandragupta I
- (D) Skandagupta



KEY:

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

## BITS

1. Gir National Park is situated in, which city?

- (A) Bihar
- (B) Allahabad
- (C) West Bengal
- (D) Gujara

[D]

2. Madharasas are the schools of, which caste?

- (A) Jain
- (B) Hindus
- (C) Muslims
- (D) Christians

[C]

3. Shore temple is located at, Which City?

- (A) Calicut
- (B) Sanapur
- (C) Patna
- (D) Mahabalipuram

[D]

4. Red Cross was founded by, Which ?

- (A) A. Cursetji
- (B) Badel Powell
- (C) J.H. Durant
- (D) Trygve Lie

[A]

5. The gas used to extinguish fire, Which gas is?

- (A) Carbon Monoxide
- (B) Neon
- (C) Nitrogen
- (D) Carbon Dioxide

[D]

6. The largest part of the human brain part is?

- (A) Cerebellum
- (B) Midbrain
- (C) Cerebrum
- (D) Medulla Oblongata

[C]

7. The amount of light entering the eye is regulated by which?

- (A) Schlera
- (B) Iris

- (C) Pupil
- (D) Ciliary Body

[C]

8. The biggest oil refinery in India is at, which city?

- (A) Mathura
- (B) Koyali
- (C) Digboi
- (D) Haldia

[B]

9. Abdul Qadir Badauni, Nakib Khan and Thaneshwar were in whose court?

- (A) Akbar
- (B) Jahangir
- (C) Shah Jahan
- (D) Aurangzeb

[A]

10. Information about which ruler is available in the iron pillar of Mehrauli (Delhi)?

- (A) Kumaragupta
- (B) Vikramaditya
- (C) Chandragupta I
- (D) Skandagupta

[B]

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section:

IBA

Year :

2022-23

Department of: History

Paper:

Lecturer: T. Narasimha 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	2211001	vankala. Durga prasad	BCD	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	17
2	2211002	kodali. Sree lokesh	SC	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	A	P	P	17
3	2211003	nalluru. Ravali	SC	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	18
4	2211008	vandapalli. Harshvardhan	SC	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	18
5	2211009	madduri. Akhil	SC	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	17
6	2211001	Ampolu. Bhargavi	BCA	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	18
7	2211013	maididodla. sireesha	BCB	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	16
8	2211018	Gorike. Harish	SC	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	18
9	2211019	kodali. santhoshkumar	SC	P	P	P	P	P	P	A	P	P	A	P	A	P	P	P	P	P	P	P	P	17
10	2211021	Baitapalli. Harikashi	ST	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	18
11	2211022	Kommu. Prasha	SC	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	18
12	2211023	Kurra. Rajesh	BCA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	18
13	2211024	Kurra. Rajesh	BCA	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	17
14	2211025	vaka. manasa	OC	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	18
15	2211027	chilukuru. sumit	OC	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	17

T. Narasimha Rao  
Head, Department of History

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

Thane  
PRINCIPAL

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

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

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

An Autonomous College in the Jurisdiction of Krishna University

Accredited by NAAC with "A" Grade ISO 9001:2015 Certified Institution



**Internal Quality Assurance Cell (IQAC)**

**Bridge Course**

Department : MATHEMATICS

Academic year : 2022-23

Semester : I

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

Bridge Course

Academic Year: 2022-23

## 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 Student Enrolment Sheet

I Year B.Sc(MSCs) English Medium) ; 2022 - 2023

S.No:	Roll.No	Student Name	Signature
1	22.301	Asileti Sandeep	A. Sandeep
2	22.302	Kanneboyina Jaya sai	K. Jayasai
3	22.303	Reddy Dosna Gowthami	R. D. Goswami
4	22.304	Thota Mrudula	T. Mrudula
5	22.305	Matta Veera Naga Sai	M. V. Naga Sai
6	22.306	Sonti Naga Siva	S. Naga Siva
7	22.307	Srigiri Srinivas	S. Srinivas
8	22.308	Chowtapalli Rohini	Ch. Rohini
9	22.309	Maganti Lakshmi Thirupathamma	M. Lakshmi Thirupathamma
10	22.310	Gorusu Venkata Bhaskar Rao	G. V. Bhaskar Rao
11	22.311	Pedasanaganti Nagesh Babu	P. Nagesh Babu
12	22.312	Jatavath Sravani	J. Sravani
13	22.313	SHAIK BAJIBI	S. Bajibi

I Year B.Sc(MPCs) English Medium) ;

S.No:	Roll.No	Student Name	Signature
1	22.601	Kambhupu Pujitha	K. Pujitha
2	22.602	Valluru Samyuktha	V. Samyuktha
3	22.603	Birudukota Jayanthi	B. Jayanthi
4	22.604	Jujjuvarapu Preethi	J. Preethi
5	22.605	Syed Haseena	S. Haseena
6	22.606	Sonti Madhuhar	S. Madhuhar
7	22.607	Domathoti Bindu Bhargavi	D. Bindu Bhargavi
8	22.608	Munipalli Manoj Kumar	M. Manoj Kumar
9	22.609	Arepalli Kavya Sri	A. Kavya Sri
10	22.610	Ede Pujitha	E. Pujitha
11	22.611	Abdul Sameera	A. Sameera
12	22.612	Rajulapati Charitasri	R. Charitasri
13	22.613	Kota Durga Pavani	K. Durga Pavani
14	22.614	Pothuboina Raghavendra	P. Raghavendra
15	22.615	Kagithala Durga	K. Durga
16	22.616	Dasari Jyoshika	D. Jyoshika
17	22.617	Jannu Bhanukumar	J. Bhanukumar
18	22.618	Sonti Nagendra Kumar	S. Nagendra Kumar
19	22.619	Danduboina Tarun Kumar	D. Tarun Kumar
20	22.620	Syed Yasmine	S. Yasmine
21	22.621	Goriparthi Sriram	G. Sriram
22	22.622	Turaka Sujitha	T. Sujitha
23	22.623	Arilli Vishnu Vardhan	A. Vishnu Vardhan
24	22.624	Maganti Charanya	M. Charanya
25	22.625	Shaik Shahera Sulthana	S. Sulthana
26	22.626	Shaheena Sultana	S. Sultana
27	22.627	Mathi Kavya	M. Kavya
28	22.628	Bokinala Karthik	B. Karthik
29	22.629	Davu Charan Teja	D. Charan Teja
30	22.630	Parangi Madhuri	P. Madhuri
31	22.631	Thota Gayathri	T. Gayathri
32	22.632	Devarapalli Chanikya V Venkata Varaprasad	D. V. V. Varaprasad
33	22.633	Abdul Nasrinmunnisa	A. Nasrinmunnisa
34	22.634	Kola Indumathi	K. Indumathi
35	22.635	Ravulapati Karthik	R. Karthik
36	22.636	Addeti Madhuri	A. Madhuri
37	22.637	Nerusu Hareesh	N. Hareesh

  
Signature of the Lecturer

  
Signature of the Head of Department  
Head of Department  
Department of Mathematics  
S.S. Degree College  
Vuyyuru - 521168

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

Bridge Course Student Enrolment Sheet

I Year B.Sc(MCCs) English Medium) 2022 - 2023

S.No:	Roll.No	Student Name	Signature
1	22.701	Nerusu Poorna Sri	N. Poorna Sri
2	22.702	Kanneboyina Raja Rajeswari	K. Raja Rajeswari
3	22.703	Daaram Nandini	D. Nandini
4	22.704	Batna Sravani	B. Sravani
5	22.705	Sripalasetti Gnaneswar	S. Gnaneswar
6	22.706	Kota Durga Sai	K. Durga Sai
7	22.707	Pudi Uma Maheswari	P. Maheswari
8	22.708	Ande Sindhu	A. Sindhu
9	22.709	Gunde Navya Sree	G. Navya Sree
10	22.710	Golla Veera Venkateswaramma	G. Venkateswaramma
11	22.711	Kodali Deekshita	K. Deekshita
12	22.712	Chagantipati Ramya Sri	C. Ramya Sri
13	22.713	Mareedu Sai Lakshmi	M. Sai Lakshmi
14	22.714	Arnudalapalli Sunitha	A. Sunitha
15	22.715	Karumuri Gopi Krishna	K. Krishna
16	22.716	Meesala Chandu	M. Chandu
17	22.717	Guruja Ravi Kiran	G. Ravi Kiran
18	22.718	Paliseti Harika	P. Harika
19	22.719	Gummadi Mallika	G. Mallika
20	22.720	Veeranki Shanmukha	V. Shanmukha
21	22.721	Ganke Naveen	G. Naveen
22	22.722	Goriparthi Venkata Prasanna	G. Venkata Prasanna
23	22.723	Katragadda Ramya	K. Ramya
24	22.724	Jonnala Naga Nikhitha	J. Nikhitha
25	22.725	Gandrapu Agasya Maharshi	G. Agasya Maharshi
26	22.726	Shaik Mouli	S. Mouli
27	22.727	Mummidivrapu Durga Prasad	M. Durga Prasad
28	22.728	Battu Ahalya Rani	B. Ahalya Rani
29	22.730	Gandham Vishnu Ganesh	G. Vishnu Ganesh
30	22.731	Pamarthi Lahari	P. Lahari
31	22.732	Mandapilli Trinadh	M. Trinadh
32	22.733	chaganti Kegiya	C. Kegiya
33	22.734	Mohammad Arif	M. Arif
34	22.735	Dokku Hemasri	D. Hemasri
35	22.736	Veeranki Kusuma	V. Kusuma

Signature of the Lecturer

N.V. [Signature]  
 Head of the Department  
 Department of Mathematics  
 A.G. & S.G.S. Degree College  
 VUYURU - 521 185



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

I Year B.Sc(MSCs) English Medium);

2022 - 2023

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	22.301	Asileti Sandeep	M	SC	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
2	22.302	Kanneboyina Jaya sai	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	22.303	Reddy Dosna Gowthami	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	22.304	Thota Mrudula	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	22.305	Matta Veera Naga Sai	F	OC	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
6	22.306	Sonti Naga Siva	M	BC-B	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P
7	22.307	Sirigiri Srinivas	M	SC	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
8	22.308	Chowtapalli Rohini	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	22.309	Maganti Lakshmi Thirupathamma	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
10	22.310	Gorusu Venkata Bhaskar Rao	M	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	22.311	Pedasanaganti Nagesh Babu	M	BC-A	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P
12	22.312	Jatavath Sravani	F	ST	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
13	22.313	SHAIK BAJIBI	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	22.314	U. Pragna	F		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

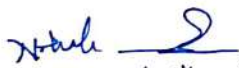
Formulas on  
Differentiation

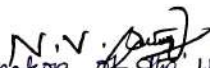
Formulas on  
Integration

Formulas on  
Trigonometry

Formulas on  
Set D.D. & LL

Formulas on  
H.D.D. & LL

  
Signature of the Lecturer

  
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  
I Year B.Sc(MPCs) English Medium ;

2022 - 2023

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	22.601	Kambhpu Pujitha	F	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	22.602	Valluru Samyuktha	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	22.603	Birudukota Jayanthi	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	22.604	Jujjuvarapu Preethi	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	22.605	Syed Haseena	F	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	22.606	Sonti Madhuhar	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	22.607	Domathoti Bindu Bhargavi	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	22.608	Munipalli Manoj Kumar	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	22.609	Arepalli Kavya Sri	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	22.610	Ede Pujitha	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	22.611	Abdul Sameera	F	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	22.612	Rajulapati Charitasri	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	22.613	Kota Durga Pavani	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	22.614	Pothuboina Raghavendra	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	22.615	Kagithala Durga	F	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	22.616	Dasari Jyoshika	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	22.617	Jannu Bhanukumar	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	22.618	Sonti Nagendra Kumar	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	22.619	Danduboina Tarun Kumar	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	22.620	Syed Yasmine	F	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	22.621	Goriparthi Sriram	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	22.622	Turaka Sujitha	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	22.623	Arilli Vishnu Vardhan	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	22.624	Maganti Charanya	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	22.625	Shaik Shaheera Sulthana	F	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	22.626	Shaheena Sultana	F	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	22.627	Mathi Kavya	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	22.628	Bokinala Karthik	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	22.629	Davu Charan Teja	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	22.630	Parangi Madhuri	F	BC-C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	22.631	Thota Gavathi	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	22.632	Devarapalli Chanikya V Venkata Vara	M	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	22.633	Abdul Nasrinunnisa	F	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	22.634	Kola Indumathi	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	22.635	Ravulapati Karthik	M	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	22.636	Addeti Madhuri	F	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	22.637	Nerusu Hareesh	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Signature of the Lecturer

Head of the Department  
Department of English  
Signature of the HOD  
A.G. & S.G. Degree College  
VUYURU - 524 102

Formulas on Displacement

Formulas on Integration

Formulas on Trigonometry

Formulas on Probability  
Dr E

AG & SG Siddhartha Degree College of Arts & Science (Autonomous), Vuyyuru  
I Year B.Sc(MCCs) English Medium);

2022 - 2023

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	22.701	Nerusu Poorna Sri	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	22.702	Kanneboyina Raja Rajeswari	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	22.703	Daaram Nandini	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	22.704	Batna Sravani	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	22.705	Sripalasetti Gnaneswar	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	22.706	Kota Durga Sai	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	22.707	Pudi Uma Maheswari	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	22.708	Ande Sindhu	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	22.709	Gunde Navya Sree	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	22.710	Golla Veera Venkateswaramma	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	22.711	Kodali Deekshita	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	22.712	Chagantipati Ramya Sri	F	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	22.713	Mareedu Sai Lakshmi	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	22.714	Amudalapalli Sunitha	F	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	22.715	Karumuri Gopi Krishna	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	22.716	Meesala Chandu	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	22.717	Guruja Ravi Kiran	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	22.718	Paliseti Harika	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	22.719	Gummadi Mallika	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	22.720	Veeranki Shanmukha	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	22.721	Garike Naveen	M	ST	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	22.722	Goriparthi Venkata Prasanna	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	22.723	Katragadda Ramya	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	22.724	Jonnala Naga Nikhitha	F	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	22.725	Gandrapu Agasya Maharshi	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	22.726	Shaik Mouli	M	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	22.727	Mummidivrapu Durga Prasad	M	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	22.728	Battu Ahalya Rani	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	22.730	Gandham Vishnu Ganesh	M	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	22.731	Pamarthi Lahari	F	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	22.732	Mandapilli Trinadh	M	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	22.733	chaganti Kegiya	F	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	22.734	Mohammad Arif	M	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	22.735	Dokku Hemasri	F	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	22.736	Veeranki Kusuma	F	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

*Signature of the Lecturer*

Head of the Department  
Department of Mathematics  
*Signature of the HOD*  
VUYURU - 521

Formulas on  
Integration

Formulas on  
Trigonometry

Formulas on  
I.T.D.E.L  
K.H.O.D.E.L

Answer ALL the following questions.

15 x 2 = 30M

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

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

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

- a) 10    b) 12    c) 13    d) 16

3) If  $y = x^x$ , then  $y' = ?$

- a)
- $x^x \ln x$
- b)
- $x^x (1 + \ln x)$
- c)
- $\frac{x^x}{\ln x}$
- d)
- $\frac{x^x}{1 + \ln x}$

4)  $\int_0^{\pi} \sin^2 x \, dx =$

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

5)  $\int_0^4 3x \, dx =$

- a) 12    b) 24    c) 48    d) 86

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

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

7) the value of  $\frac{\tan 60^\circ}{\cot 60^\circ} =$

- a) 0    b) 1    c) 2    d) 3

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

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

9) If  $\alpha + \beta = \pi/4$ , then the value of  $(1 + \tan \alpha)(1 + \tan \beta)$  is

- a) 1      b) 2      c) -2      d) Not defined.

10) The order of the matrix  $A = \begin{bmatrix} 1 & 5 & 9 \\ 4 & 8 & 6 \end{bmatrix}$  is  $2 \times 3$ .

- a) True      b) False.

11) Consider the matrix  $A = \begin{bmatrix} 2 & 4 & 5 \\ 1 & 6 & 4 \\ 2 & 8 & 9 \end{bmatrix}$  find the element  $a_{32}$

- a) 5      b) 6      c) 4      d) 8

12) If  $A = \begin{bmatrix} x & x-1 \\ 2x+3 & x+2 \end{bmatrix}$  is a symmetric matrix then  $x =$

- a) 4      b) 3      c) -4      d) -3.

13) A pair of linear equations  $a_1x + b_1y + c_1 = 0$  &  $a_2x + b_2y + c_2 = 0$  is said to be inconsistent if

- a)  $\frac{a_1}{a_2} \neq \frac{b_1}{b_2}$       b)  $\frac{a_1}{a_2} = \frac{b_1}{b_2} \neq \frac{c_1}{c_2}$       c)  $\frac{a_1}{a_2} = \frac{b_1}{b_2} = \frac{c_1}{c_2}$       d)  $\frac{a_1}{a_2} \neq \frac{c_1}{c_2}$

14) The graph of  $y = 5$  is a line parallel to the

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

15) Find the solution to the following system of linear equations  $2x - y + 6 = 0$ ,  $4x + 5y - 16 = 0$ .

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

Answer ALL the following questions.

15 x 2 = 30M

15/15

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

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

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

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3) If  $y = x^x$ , then  $y' = ?$

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

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

9) If  $A^{-1}B = \frac{1}{4}I$ , then the value of  $(I + 4A)(I + 4A^{-1}B)$  is

- a) ~~1~~      b) 2      c) -2      d) Not defined.

10) The order of the matrix  $A = \begin{bmatrix} 1 & 5 & 9 \\ 4 & 8 & 6 \end{bmatrix}$  is  $2 \times 3$ .

- a) True      b) ~~False~~.

11) Consider the matrix  $A = \begin{bmatrix} 2 & 4 & 5 \\ 1 & 6 & 4 \\ 2 & 8 & 9 \end{bmatrix}$  find the element  $a_{32}$

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12) If  $A = \begin{bmatrix} 3 & x-1 \\ 2x+3 & x+1 \end{bmatrix}$  is a symmetric matrix then  $x =$

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13) A pair of linear equations  $a_1x + b_1y + c_1 = 0$  &  $a_2x + b_2y + c_2 = 0$  is said to be inconsistent if

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

Answer ALL the following questions.

15 x 2 = 30M

13  
15

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

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

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

- a) 10    b) ~~12~~    c) 13    d) 16 ✓

3) If  $y = x^x$ , then  $y' = ?$

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

4)  $\int_0^{\pi} \sin^2 x \, dx =$

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

5)  $\int_0^4 3x \, dx =$

- a) 12    b) ~~24~~ ✓    c) 48    d) 86

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- a)  $1/2 (x^2 + 1) e^{x^2} + c$     b)  $(x^2 + 1) e^{x^2} + c$     c)  ~~$1/2 (x^2 - 1) e^{x^2} + c$~~     d)  $(x^2 - 1) e^{x^2} + c$

7) the value of  $\frac{\tan 60^\circ}{\cot 60^\circ} =$

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

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



9) If  $\alpha + \beta = \sqrt{10}$ , then the value of  $(1 + \tan \alpha)(1 + \tan \beta)$  is

- a) 1    b) 2    c) -2    d) Not defined.

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

# **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 : PHYSICS

Academic year : 2022-23

Semester : I

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

**Bridge Course**  
**Student Enrolment Sheet**  
**2022-2023**

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

S.No	Roll No.	Name of the student	Signature
1	22-601	K.Pujitha	K.Pujitha
2	22-602	V.Samyuktha	V.Samyuktha
3	22-603	B.Jayanthi	B. Jayanthi
4	22-604	J.Preethi	S. Haseena
5	22-605	S.Haseena	S.Haseena
6	22-606	S.Madhuhar	S. Madhuhar
7	22-607	D.Bindu bhargavi	D. Bindu bhargavi
8	22-608	M.Manoj kumar	M. Manoj Kumar
9	22-609	A.Kavya sri	A. Kavya Sri
10	22-610	E.Pujitha	E. Pujitha
11	22-611	A.Sameera	A. Sameera
12	202612	R.Charitha sri	R. Charitha Sri
13	22-613	K.Durga pavani	K. Durga Pavani
14	22-614	P.Raghavendra	P. Raghavendra
15	22-615	K.Durga	K. Durga
16	22-616	D.Jhoshika	D. Jhoshika
17	22-617	J.Bhanukumar	J. Bhanukumar
18	22-618	S.Nagendra kumar	S. Nagendra Kumar
19	22-619	D.Tarun kumar	D. Tarun Kumar
20	22-620	SD.Yasmine	G. Sri ram
21	22-621	G.Sri ram	G. Sri Ram
22	22-622	T.Sujitha	T. Sujitha
23	22-623	A.Vishnu vardhan	A. Vishnu Vardhan
24	22-624	M.Charanya	M. Charanya
25	22-625	SK.Shahera sulthana	SK. Shahera Sulthana
26	22-626	MD.Shabeena sulthana	M. Kavya
27	22-627	M.Kavya	M. Kavya
28	22-628	B.Karthik	B. Karthik
29	22-629	D.Chandrateja	P. Madhuri
30	22-630	P.Madhuri	P. Madhuri
31	22-631	T.Gayathri	T. Gayathri
32	22-632	D.Chanikya	D. Chanikya
33	22-633	A.Nasrinunnisa	A. Nasrinunnisa
34	22-634	K.Indumathi	K. Indumathi
35	22-635	R.Karthik	R. Karthik
36	22-636	A.Madhuri	A. Madhuri

M.P. D. parivala  
LECTURER

T. Hanurachal  
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



14	22-614	P.Raghavendra	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	18
15	22-615	K.Durga	BC-A	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	18
16	22-616	D.Jhoshika	OC	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	17
17	<b>22-617</b>	J.Bhanukumar	BC-B	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	18
18	22-618	S.Nagendra kumar	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
19	22-619	D.Tarun kumar	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
20	22-620	SD.Yasmine	BC-E	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
21	22-621	G.Sri ram	BC-D	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	18
22	22-622	T.Sujitha	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	19
23	22-623	A.Vishnu vardhan	OC	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	19
24	22-624	M.Charanya	BC-D	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	18
25	22-625	SK.Shahera sulthana	BC-E	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	19
26	22-626	MD.Shabeena sulthana	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	19
27	22-627	M.Kavya	SC	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	19
28	22-628	B.Karthik	SC	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	18
29	22-629	D.Chandrateja	BC-B	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	19
30	22-630	P.Madhuri	BC-C	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	17
31	22-631	T.Gayathri	OC	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	18

32	22-632	D.Chanikya	BC-A	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P	17
33	22-633	A.Nasrinunnisa	BC-E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
34	22-635	R.Karthik	BC-A	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	18
35	22-636	A.Madhuri	BC-A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	19

# **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	:	POLITICAL SCIENCE
Academic year	:	2022-2023
Semester	:	I



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

Vuyyuru-521165, Krishna District, Andhra Pradesh


## Bridge Course

### Student Enrolment Sheet

Class : I.B.A

S. No	Roll No.	Name of the Student	Signature
1	2211001	V. Durga Prasad	V. Durgaprasad
2	2211002	K. Sree Lokesh	K. Sree Lokesh
3	2211003	N. Ravali	N. Ravali
4	2211008	V. Harshvardan	V. Harshvardan
5	2211009	M. Akhil	M. Akhil
6	2211011	A. Bhargavi	A. Bhargavi
7	2211013	M. Sireesha	M. Sireesha
8	2211018	G. Harish	G. Harish
9	2211019	K. Santhosh Kumar.	K. Santhosh Kumar
10	2211021	B. Harika Sri	B. Harika Sri
11	2211022	K. Pushpa.	K. Pushpa
12	2211023	K. Rajesh	K. Rajesh
13	2211025	V. Manasa	V. Manasa
14	2211026	Ch. Harika	Ch. Harika
15	2211027	Ch. Sunil.	Ch. Sunil

Ch. Sandhya Devi  
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.

# 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	Evolution of Constitution	
II	Indian Constitution	

#### Evolution of Constitution:

The evolution of a constitution refers to the changes and developments that occur in a country's fundamental law over time. Constitutions are meant to provide a framework for governance, establish the rights and responsibilities of citizens, and define the structure and powers of government institutions. However, as societies and their needs change, constitutions often undergo revisions and amendments to reflect these evolving circumstances. Here is a general overview of the evolution of constitutions:

- 1. Founding Constitution:** When a new country is formed or gains independence, it typically adopts a founding constitution. This initial constitution lays the groundwork for the new nation, establishing its basic structure, principles, and fundamental rights. Examples include the United States Constitution (1787) and the French Constitution (1791).
- 2. Amendments:** Over time, societies may find the need to modify their constitution to address shortcomings, expand rights, or adapt to changing social, political, or economic conditions. Amendments can be made through formal procedures outlined in the constitution itself. The amendment process usually involves the proposal of changes by the legislature or a specially appointed constitutional body and subsequent approval by a specified majority or through a referendum.
- 3. Judicial Interpretation:** Courts play a crucial role in the evolution of a constitution through their interpretation of its provisions. Over time, courts, particularly constitutional courts or supreme courts, issue rulings that shape and define the meaning of constitutional provisions. These interpretations often reflect changing societal values and may expand or restrict the scope of constitutional rights and powers.
- 4. Constitutional Conventions:** In some countries, certain constitutional practices and principles develop over time through custom and tradition, known as constitutional conventions. These conventions are not necessarily codified in the written constitution but are considered binding. They can evolve through political agreements, judicial decisions, or long-standing practices.
- 5. Constitutional Reform:** In response to major societal changes or political crises, countries may undertake comprehensive constitutional reforms. This process involves a thorough review and revision of the existing constitution or the adoption of a completely new constitution. Constitutional reforms are often driven by a desire to address constitutional inadequacies, promote democracy, enhance human rights, or accommodate changes in the distribution of power.

## **Indian Constitution:**

**The Indian Constitution is the supreme law of India and serves as the framework for the country's governance. It was adopted on November 26, 1949, and came into effect on January 26, 1950, marking the day India became a republic. The drafting of the Indian Constitution was overseen by a Constituent Assembly composed of elected representatives from various parts of the country.**

**Key features of the Indian Constitution:**

- 1. Lengthy and Detailed:** The Indian Constitution is one of the longest written constitutions in the world, consisting of a preamble and 470 articles organized into 25 parts, along with 12 schedules and 5 appendices. It covers a wide range of topics, including fundamental rights, directive principles of state policy, the structure of government, and the distribution of powers between the central government and the states.
- 2. Sovereign, Socialist, Secular, and Democratic:** The preamble of the Indian Constitution declares India to be a sovereign, socialist, secular, and democratic republic. These principles reflect the country's commitment to upholding the values of justice, liberty, equality, and fraternity.
- 3. Fundamental Rights:** The Indian Constitution guarantees a comprehensive set of fundamental rights to its citizens, including the right to equality, freedom of speech and expression, freedom of religion, and the right to constitutional remedies. These rights provide a legal framework for the protection of individual liberties.
- 4. Directive Principles of State Policy:** The directive principles of state policy enshrined in the Constitution are non-justiciable principles that guide the state in making policies and legislation. They encompass various social, economic, and political ideals, such as the promotion of social justice, equitable distribution of resources, and protection of the environment.
- 5. Parliamentary System:** India follows a parliamentary system of government, where the President is the head of state, and the Prime Minister is the head of government. The Parliament consists of two houses: the Lok Sabha (House of the People) and the Rajya Sabha (Council of States). The Lok Sabha members are elected by the people, while the Rajya Sabha members are elected by the state legislatures.

## Bits

1. The Governor of a State is appointed by the President on the advice of the
  - (a) Prime Minister
  - (b) Vice- President
  - (c) Chief Minister
  - (d) Chief Justice
  
2. The President gives his resignation to the
  - (a) Chief Justice
  - (b) Parliament
  - (c) Vice President
  - (d) Prime Minister
  
3. For what period does the Vice President of India hold office ?
  - (a) 5 years
  - (b) Till the age of 65 years
  - (c) 6 years
  - (d) 2 years
  
4. Who among the following holds office during the pleasure of the President ?
  - (a) Governor
  - (b) Election Commissioner
  - (c) Speaker of Lok Sabha
  - (d) Prime Minister
  
5. Which of the following is not true regarding the payment of the emoluments of the President ?
  - (a) They can be reduced during a Financial Emergency.
  - (b) They are shown separately in the budget.
  - (c) They are charged on the Contingency Fund of India.
  - (d) They do not require any parliament sanction.
  
6. The total number of members nominated by the President to the Lok Sabha and the Rajya Sabha is
  - (a) 16
  - (b) 18
  - (c) 14
  - (d) 12
  
7. Which one of the following does not constitute the electoral college for electing the President of India ?
  - (a) Elected members of Lok Sabha
  - (b) Elected members of the Legislative Assembly of each state.
  - (c) Elected members of the Legislative Council
  - (d) Elected members of Rajya Sabha

8. The council of Ministers in a Parliamentary type of Government can remain in office till it enjoys the support of the

- (a) Minority of members of the Upper House of Parliament
- (b) Majority of the members of the Upper House of Parliament
- (c) Minority of members of the Lower House
- (d) Majority of the members of the Lower House of Parliament

9. Which of the following appointments is not made by the President of India ?

- (a) Chief of the Army
- (b) Speaker of the Lok Sabha
- (c) Chief Justice of India
- (d) Chief of the Air Force

10. Who appoints the Prime Minister of India ?

- (a) Lok Sabha
- (b) President
- (c) Parliament
- (d) Citizens of India

11. The first woman Governor of a state in free India was

- (a) Mrs. Indira Gandhi
- (b) Mrs. Vijaya Laxmi Pandit
- (c) Mrs. Sarojini Naidu
- (d) Mrs. Sucheta Kripalani

12. Minimum age required to contest for Presidentship is

- (a) 23 years
- (b) 21 years
- (c) 35 years
- (d) 30 years

13. The charge of impeachment against the President of India for his removal can be preferred by

- (a) Both Houses of Parliament
- (b) Speaker of Lok Sabha and Chairman of Rajya Sabha
- (c) Rajya Sabha
- (d) Lok Sabha

14. The Chief Minister of a Union Territory where such a set up exists, is appointed by the

- (a) Lt. Governor
- (b) Majority party in Legislature
- (c) President
- (d) Prime Minister

15. Who was the first Prime Minister of India ?

- (a) Jawaharlal Nehru
- (b) Mrs. Indira Gandhi
- (c) Dr. Rajendra Prasad
- (d) Mahatma Gandhi

16. In case a President dies while in office, the vice President can act as President for a maximum period of

- (a) 1 years
- (b) 3 months
- (c) 6 months
- (d) 2 years

17. The Union Council of Ministers consists of

- (a) Cabinet Ministers, Minister of State and Deputy Ministers
- (b) Cabinet Ministers and Chief Ministers of the States
- (c) Prime Minister
- (d) Cabinet Ministers

18. Who administers the oath of office to the President of India before he enters upon the office ?

- (a) Chief Justice
- (b) Speaker
- (c) Vice President
- (d) Prime Minister

19. Who among the following enjoys the rank of a Cabinet Minister of the Indian Union?

- (a) None of the Above
- (b) Deputy Chairman of the Planning Commission
- (c) Deputy Chairman, Rajya Sabha
- (d) Secretary to the Government of India

20. A person who is not a member of Parliament can be appointed as a Minister by the President

for a maximum period of

- (a) 9 months
- (b) 3 months
- (c) 12 months
- (d) 6 months

21. When can a President use his discretion in appointing the Prime Minister ?

- (a) When no political party enjoys a clear majority in the Lok Sabha.
- (b) Only when the Lok Sabha has been dissolved.
- (c) In all circumstances
- (d) In no circumstances

22. If in a country there happens to be the office of monarchy as well as a Parliamentary form of

government this monarch will be called

- (a) Head of the State
- (b) Head of the Cabinet
- (c) Head of the government
- (d) Both Head of the government and State

23. One feature distinguishing the Rajya Sabha from the Vidhan Parishad is

- (a) Power of impeachment
- (b) Indirect election
- (c) Nomination of members

(d) Tenure of membership

24. Chief Ministers of all the states are ex-officio members of the

- (a) Planning Commission
- (b) National Development Council
- (c) Inter State Council
- (d) Finance Commission

25. Who, among the following, has the final right to sanction the expenditure of public money in

India ?

- (a) Speaker
- (b) President
- (c) Prime Minister
- (d) Parliament

Key

1A

2C

3A

4A

5C

6A

7C

8D

9B

10B

11C

12C

13A

14A

15A

16C

17A

18A

19B

20D

21A

22A

23A

24C

25B



Roll No: 2211008

Name :- V. Harshvardan

Bits

23  
25

1. The Governor of a State is appointed by the President on the advice of the
  - (a) Prime Minister
  - (b) Vice- President
  - (c) Chief Minister
  - (d) Chief Justice

(A) ✓
2. The President gives his resignation to the
  - (a) Chief Justice
  - (b) Parliament
  - (c) Vice President
  - (d) Prime Minister

(C) ✓
3. For what period does the Vice President of India hold office ?
  - (a) 5 years
  - (b) Till the age of 65 years
  - (c) 6 years
  - (d) 2 years

(A) ✓
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  - (a) Governor
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  - (a) They can be reduced during a Financial Emergency.
  - (b) They are shown separately in the budget.
  - (c) They are charged on the Contingency Fund of India.
  - (d) They do not require any parliament sanction.

(C) ✓
6. The total number of members nominated by the President to the Lok Sabha and the Rajya Sabha is
  - (a) 16
  - (b) 18
  - (c) 14
  - (d) 12

(A) ✓
7. Which one of the following does not constitute the electoral college for electing the President of India ?
  - (a) Elected members of Lok Sabha
  - (b) Elected members of the Legislative Assembly of each state.
  - (c) Elected members of the Legislative Council
  - (d) Elected members of Rajya Sabha

(C) ✓

8. The council of Ministers in a Parliamentary type of Government can remain in office till it enjoys the support of the

- (a) Minority of members of the Upper House of Parliament
- (b) Majority of the members of the Upper House of Parliament
- (c) Minority of members of the Lower House
- (d) Majority of the members of the Lower House of Parliament

(D)

9. Which of the following appointments is not made by the President of India ?

- (a) Chief of the Army
- (b) Speaker of the Lok Sabha
- (c) Chief Justice of India
- (d) Chief of the Air Force

(B)

10. Who appoints the Prime Minister of India ?

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- (b) President
- (c) Parliament
- (d) Citizens of India

(B)

11. The first woman Governor of a state in free India was

- (a) Mrs. Indira Gandhi
- (b) Mrs. Vijaya Laxmi Pandit
- (c) Mrs. Sarojini Naidu
- (d) Mrs. Sucheta Kripalani

(C)

12. Minimum age required to contest for Presidentship is

- (a) 23 years
- (b) 21 years
- (c) 35 years
- (d) 30 years

(C)

13. The charge of impeachment against the President of India for his removal can be preferred by

- (a) Both Houses of Parliament
- (b) Speaker of Lok Sabha and Chairman of Rajya Sabha
- (c) Rajya Sabha
- (d) Lok Sabha

(A)

14. The Chief Minister of a Union Territory where such a set up exists, is appointed by the

- (a) Lt. Governor
- (b) Majority party in Legislature
- (c) President
- (d) Prime Minister

(A)

15. Who was the first Prime Minister of India ?

- (a) Jawaharlal Nehru
- (b) Mrs. Indira Gandhi
- (c) Dr. Rajendra Prasad
- (d) Mahatma Gandhi

(A)

16. In case a President dies while in office, the vice President can act as President for a maximum period of

- (a) 1 years
- (b) 3 months
- (c) 6 months
- (d) 2 years

(C)

17. The Union Council of Ministers consists of

- (a) Cabinet Ministers, Minister of State and Deputy Ministers
- (b) Cabinet Ministers and Chief Ministers of the States
- (c) Prime Minister
- (d) Cabinet Ministers

(A)

18. Who administers the oath of office to the President of India before he enters upon the office ?

- (a) Chief Justice
- (b) Speaker
- (c) Vice President
- (d) Prime Minister

(A)

19. Who among the following enjoys the rank of a Cabinet Minister of the Indian Union?

- (a) None of the Above
- (b) Deputy Chairman of the Planning Commission
- (c) Deputy Chairman, Rajya Sabha
- (d) Secretary to the Government of India

(B)

20. A person who is not a member of Parliament can be appointed as a Minister by the President

for a maximum period of

- (a) 9 months
- (b) 3 months
- (c) 12 months
- (d) 6 months

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(A)

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- (a) Head of the State
- (b) Head of the Cabinet
- (c) Head of the government
- (d) Both Head of the government and State

(A)

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- (b) Indirect election
- (c) Nomination of members

(A)

(d) Tenure of membership

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- (a) Planning Commission
- (b) National Development Council
- (c) Inter State Council
- (d) Finance Commission

(A) X

25. Who, among the following, has the final right to sanction the expenditure of public money in India ?

- (a) Speaker
- (b) President
- (c) Prime Minister
- (d) Parliament

(A) X

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

**Bridge Course - Attendance Register**

Class / Section: Ist B.A

Year : 2022-23 Department of Political Science

Paper:

Lecturer: Ch.

Introduction to P.S Sandhya Perri

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	2211001	V. Durga Prasad	BCD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
2	2211002	K. Sree lokesh	SC	P	P	A	P	P	P	A	P	P	A	P	P	P	P	A	P	P	P	P	P	16
3	2211003	N. Ravali	SC	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	19
4	2211008	V. Harsh vardan	SC	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	18
5	2211009	M. Akhila	SC	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	17
6	2211011	A. Bhargavi	BCA	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	19
7	2211013	M. Sreedha	BCB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
8	2211018	G. Harish	SC	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	A	17
9	2211019	K. Senthoshekhar	SC	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	18
10	2211021	B. Harika Sri	ST	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	19
11	2211022	K. Pushpa	SC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
12	2211023	K. Rajesh	BCA	P	P	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	A	P	16
13	2211025	V. Manasa	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
14	2211026	Ch. Harika	SC	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	17
15	2211027	Ch. Sani	OC	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	18

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

  
PRINCIPAL  
AG & SG Siddhartha Degree College  
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	:	Statistics
Academic year	:	2022-23
Semester	:	I

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class : IMSCs

S. No	Roll No.	Name of the Student	Signature
1	2255301	A.Sandeep	A.Sandeep
2	2255302	k. Jaya sai	k. Jayasai
3	2255303	R. Dosna Gowthami	R.D. Gowthami
4	2255304	T. Mrudula	T. Mrudula
5	2255305	M. Veera Naga Sai	M. Veera Naga Sai
6	2255306	S. Naga Siva	S. Naga siva
7	2255307	S. Srinivas	S. Srinivas
8	2255308	C. Rohini	C. Rohini
9	2255309	M. Lakshmi Tirupathamma	M. L. Thirupathamma
10	2255310	G. Venkata Bhaskar Rao	G. V. Bhaskar
11	2255311	P. Nagesh Babu	P. Nagesh Babu
12	2255312	J. Sravani	J. Sravani
13	2255313	SK. Bajibi	SK. Bajibi
14	2255314	U. Pragna	U. Pragna.

N. Sivamaga Raju.

N.V. [Signature]

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## **Bridge Course**

### **Syllabus**

#### **Title: Basic concepts of Statistics**

##### **1. Introduction**

- 1.1 Origin and development of statistics
- 1.2 Statistics Definitions
- 1.3 Importance and scope of statistics
- 1.4 Limitations of statistics
- 1.5 Frequency distribution

##### **2. Measures of Central Tendency**

- 2.1 Arithmetic mean
- 2.2 Median
- 2.3 Mode
- 2.4 Geometric mean
- 2.5 Harmonic mean
- 2.6 Partition values

##### **3. Measures of Dispersion**

- 3.1 Range
- 3.2 Quartile deviation
- 3.3 Mean deviation
- 3.4 Standard deviation
- 3.5 Variance
- 3.5 Coefficients of Dispersion
- 3.6 Coefficient of variation

##### **4. Measures of Skewness**

##### **5. Measures of Kurtosis**



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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section: IMSCs

Year :2022-23

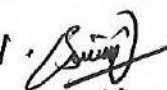
Department of: Statistics

Paper: I

Lecturer: N. Siva Naga 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	2255301	A.Sandeep	SC	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	17
2	2255302	k. Jaya sai	BC-D	P	A	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	17
3	2255303	R. Dosna Gowthami	BC-D	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	18
4	2255304	T. Mrudula	OC	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	19
5	2255305	M. Veera Naga Sai	OC	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	18
6	2255306	S. Naga Siva	BC-B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20
7	2255307	S. Srinivas	SC	A	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	17
8	2255308	C. Rohini	SC	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	19
9	2255309	M. Lakshmi Tirupathamma	BC-D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	19
10	2255310	G. Venkata Bhaskar Rao	BC-A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	18
11	2255311	P. Nagesh Babu	BC-A	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	17
12	2255312	J. Sravani	ST	P	P	P	P	P	A	P	P	A	P	P	P	A	P	P	A	P	P	P	P	16
13	2255313	SK. Bajibi	BC-B	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	18
14	2255314	U. Pragna	OC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	20

N. Siva Naga Raju.

N.V. 

# 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 : Telegu

Academic year : 2022-2023

Semester : One

Department of Telugu

వర్ణనమామ్యాయము: వర్ణమనగా అక్షరము సమామ్యాయమనగా  
సముదాయము అని అర్థము.

మన తెలుగుభాషలో సంస్కృతము నుండియు, ప్రాకృతము  
నుండియును పుట్టిన పదములు కొన్నికలవు.

సంస్కృతమునకు అక్షరములు ఏబది =50

సంస్కృత భాషకు అచ్చులు-16.

అ ఆ ఇ ఈ ఉ ఊ ఋ  
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 కంటే ప్రాకృతములో పదియక్షరములు తక్కువ.

[ఋ ఌ ఐ ఔ ఞ శ ష అనునవి ఇందులేవు]

అచ్చతెనుగు తెనుగునకు వర్ణములు ముప్పదియాలు

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

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

ఆంధ్రభాషకు అక్షరములు ఏబదియాలు - 56.

అ ఆ ఇ ఈ ఉ ఊ ఋ ఌ

ఎ ఏ ఐ ఓ ఔ ం ఁ :

క ఖ గ ఘ ఙ చ చే ఛ

జ జే ఋ ట ఠ డ ఢ ణ

త థ ద ధ న ప ఫ బ భ మ

య ర ల ల శ వ శ ష స హ

గమనిక: సంస్కృతముకంటే ఆంధ్రమున ఆరు అక్షరములు ఎక్కువగా కలవు.

[ ఎ ఒ చ ష ణ ఇవి సంస్కృతమున లేవు. ]

ఆంధ్ర భాషలో 56 అక్షరములను మూడు రకములుగా విభజించిరి.

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

అ ఆ ఇ ఈ ఉ ఊ ఋ ఌ

ఎ ఏ ఐ ఓ ఔ

ఇవి స్వతంత్రముగ పలుకబడును. వీనికే స్వరములు, ప్రాణములు అనియు పేర్లు.

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

క ఖ గ ఘ చ చే ఛ ష జే ఋ ఞ

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.

అరనున్న ; దీనినే అర్ధానుస్వారము' లేక భండబంధువు అందురు.

: వినర్థ ; 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- ఐ- ఐ- ఓ- ఔ (9)

ఇందు ఎ ఏ ఒ ఓ' అను నాలుగక్షరములును వక్రములనబడును.

వక్రములనగా వంకరగా నుండునవి.

ఐ- ఔ' అను రెండును వక్రతమములనబడును.

వక్రతమములనగా మిక్కిలి వంకరగా నుండునవి.

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

**పరుషములు :** కఠినముగా పలుకబడు హల్లులు.

క - చ - ఛ - ట - త - ప (6)

**సరళములు :** తేలికగా పలుకబడు హల్లులు.

గ - జ - ఙ - డ - ద - బ (6)

**స్థిరములు :** పరుష సరళములుగాక తక్కిన హల్లులు

ఖ - ఘ - ఙ - ఛ - ఝ - ఞ - త - ఠ

ణ - థ - ధ - న - ఫ - భ - మ

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

ఇందులో నాసిక సాయమున ఉచ్చరింపబడువానిని

అనునాసికములందురు. ఙ్జ - ఞ్జ - ణ్జ - న్జ - మ్జ (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 : I B.A

\*2022-2023\*

S. No	Roll No.	Name of the Student	Signature
1	22-001	V. Durga Prasad .	V. Durga Prasad
2	003	N. Ravali	N. Ravali
3	004	B. Sampath	B. Sampath
4	006	B. Sivaleela	B. Sivaleela
5	007	P. N. Malleswari	P. N. Malleswari
6	008	V. H. Vardhan	V. H. Vardhan
7	010	G. Sukanya	G. Sukanya
8	011	A. Bhargavi	A. Bhargavi
9	013	M. Sireesha	M. Sireesha
10	014	N. Gayatri	N. Gayatri
11	019	P. Harish .	P. Harish
12	020	E. Parthik.	E. Karthik
13	023	K. Pushpa	K. Pushpa .
14	024	K. Rajesh	K. Rajesh
15	025	V. Manasa .	V. Manasa

M. C. S. - Cumari

# 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 : 2022-23

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	001	V. Durga Prasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
2	003	N. Ravali	P	P	P		P	P	P		P	P	P	P	P	P	P	13
3	004	B. Sampath	P		P	P	P	P	P	P	P	P	P	P	P	P	P	14
4	006	B. Siva leela		P	P	P	P	P	P	P	P	P	P	P	P	P		13
5	007	P. M. Malleswari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
6	008	V. H. Vardham	P	P		P	P	P	P	P		P	P	P	P		P	12
7	010	G. Sufanya	P		P	P	P			P	P	P	P	P	P	P	P	12
8	011	A. Bhargavi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
9	013	M. Sireesha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
10	014	N. Grayatoni	P	P	P	P		P	P	P	P		P	P		P	P	12
11	019	P. Harish	P	P	P	P	P	P	P	P	P		P	P	P	P	P	14
12	020	E. Parthik			P	P	P	P	P	P	P		P	P	P	P	P	12
13	023	C. Pushpa	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
14	024	C. Rajesh	P	P	P	P	P	P	P	P	P		P	P	P	P	P	14
15	025	V. Manasa		P	P	P	P	P	P	P	P	P	P	P	P	P	P	14

M.L.S. Kumari  
Signature of the HOD



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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

22-23  
Class : 1<sup>st</sup> B.Com General

S. No	Roll No.	Name of the Student	Signature
1	22-101	D. Thirupatama	D. Thirupatamma
2	102	Ch. Manika	Ch. Mounika
3	103	B. Poojitha	B. Pujitha
4	107	G. Kavya	G. Kavya
5	109	M. Sunitha	M. Sunitha
6	111	M. Santosh Kumar	M. Santosh Kumar
7	112	V. Srikanth	V. Srikanth
8	113	M. Chaitanya	M. Chaitanya
9	114	Bhavani Katyani	G. Bhavani Katyani
10	115	P. Poojitha	P. Pujitha
11	116	M. Swathi	M. Swathi
12	125	D. Sunny	D. Sunny
13	126	G. Krishna Kumari	G. Krishna Kumari
14	127	Neemala Kumari	K. Neemala Kumari
15	105	Durga Raghava	S.D. Raghava

G. Jyothi

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section: B.Com (G)  
Paper: Bridge course

Year : 2022-23  
Lecturer: G. Jyothi

Department of: Telugu

Sl. No	Roll No	Student Name	category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	22-101	D. Tirupatama		P	P	A	P	P	P	A	P	P	P	P	A	P	P	A	11
2	102	Ch. Mounika		A	P	P	A	P	P	A	P	A	P	P	A	P	P	P	10
3	103	B. Poojitha		P	P	P	A	P	A	P	A	P	A	P	P	A	P	P	10
4	107	G. Kavya		A	P	A	P	P	P	A	P	P	P	A	P	P	A	P	10
5	109	M. Sunitha		P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	13
6	111	M. Santosh Kumar		A	A	P	P	A	P	P	P	A	P	P	A	P	P	P	11
7	112	V. Saikanth		P	P	A	P	P	P	P	A	P	P	A	P	P	A	P	11
8	113	M. Chaitanya		P	P	P	A	P	P	A	P	A	P	P	P	A	P	A	10
9	114	G. Bhavanikatyani		A	A	P	A	P	P	A	P	P	P	P	A	P	A	P	09
10	115	P. Poojitha		P	P	P	P	A	P	P	A	P	P	P	A	P	P	P	12
11	116	M. Swathi		P	P	A	P	P	A	P	P	A	P	P	A	P	P	A	10
12	125	D. Sunny		A	P	A	P	P	P	P	P	P	A	P	P	P	A	P	11
13	126	G. Krishna Kumari		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
14	127	G. Nirmala Kumari		P	P	P	P	A	P	P	P	A	P	P	A	P	P	P	13
15	105	Durga Raghava		P	A	P	P	P	P	P	P	P	P	A	P	P	A	P	13

G. Jyothi

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

22-23  
Class : 1<sup>st</sup> B.Com e-Commerce

S. No	Roll No.	Name of the Student	Signature
1	21-202	P. Bharath	P. Bharath
2	203.	T. Pallavi	T. pallavi
3	204.	N. Tripura	N. Tripura
4	206.	G. Harish	G. Harish
5	209.	N. Dhara lakshmi	N. dhara lakshmi
6	213.	S. Venkata Srilekha	svenkata srilekha
7	218.	T. Poojitha	T. poojitha
8	220.	P. Jaswanth Kumar	P. Jaswanth Kumar
9	222.	Smiley	S. Smily
10	223.	V. Divya	V. Divya
11	226.	K. Kusuma	K. Kusuma
12	228.	Md. Ameena bee	Md. Ameena bee
13			
14			
15			

G. Jyothi

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section: B.Com (e)  
Paper: Bridge course

Year : 2022-23  
Lecturer: Gr. Jyothi

Department of: Telugu

Sl. No	Roll No	Student Name	category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	21-202	P. Bhasrath		P	P	P	P	a	P	P	P	a	P	P	P	P	a	a	11
2	203	T. pallavi		P	P	P	a	P	P	a	R	P	P	a	P	R	P	P	12
3	204	N. Tripura		a	P	P	P	P	a	P	P	P	a	P	P	a	P	P	11
4	206	Gr. Harish		P	a	P	P	a	P	P	R	P	P	P	a	a	P	P	11
5	209	N. Dhana Lakshmi		P	P	P	a	P	R	a	P	P	P	P	P	P	a	a	11
6	213	S. Venkata Srilekha		P	P	P	P	P	a	a	P	P	P	P	P	a	a	P	11
7	218	T. Poojitha		P	P	P	P	P	P	a	P	P	P	a	P	P	a	P	12
8	220	P. Jaswanth Kumar		P	a	P	P	P	P	a	P	P	P	a	P	P	P	P	12
9	222	P. Smily		P	P	P	P	P	P	P	P	P	P	a	P	P	a	P	13
10	223	V. Divya		P	P	P	P	P	P	a	a	P	P	a	a	P	a	P	10
11	226	K. Kusuma		P	P	P	P	P	P	P	P	P	P	P	a	a	P	a	13
12	228	Md. Ameena bee.		P	P	P	P	P	P	a	P	a	P	P	P	P	P	a	12
13				a	a														
14																			
15				P	a	P	P												

G. Jyothi

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class : 1 Mscs

\* 2022-2023 \*

S. No	Roll No.	Name of the Student	Signature
1	22-302	C. Jaya Sai	K. Jaya Sai
2	303	R.D. Gowthami	P.O. Gowthami
3	304	T. Mrudula	T. Mrudula
4	305	M.V. Naga Sai	M.V. Naga Sai
5	306	S. Naga Siva	S. Naga Siva
6	308	Ch. Rohini	Ch. Rohini
7	309	M.L. Tirupatamma	M.L. Tirupatamma
8	310	G.V. Bhaskar Rao	G.V. Bhaskar Rao
9	312	J. Sravani	J. Sravani
10	313	S.K. Bajibi	S.K. Bajibi
11			
12			
13			
14			
15			

M.L.S. Cumari

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

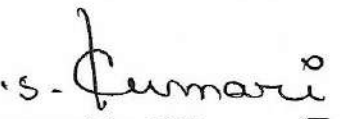
## Bridge Course - Attendance Register

Class / Section: 1MSc  
Paper:

Year : 2022-2023  
Lecturer: M.L.S.Kumari

Department of: Telugu

Sl. No	Roll No	Student Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
1	22-302	C. Jaya Sai	P	P	P	P		P	P	P	P	P	P			P	P	13
2	303	R.D. Gowdrami	P	P	P	P	P	P	P		P	P	P	P	P	P	P	14
3	304	T. M. Rudula	P	P	P		P	P		P	P	P		P	P	P	P	12
4	305	M.v. Naga Sai	P	P	P	P	P	P	P	P	P	P	P		P	P	P	14
5	306	S. Naga Siva		P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
6	308	Ch. Rohini	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
7	309	M.L. Tirupatamma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
8	310	G.v. Bhattar Rao		P	P		P		P	P	P	P		P	P	P	P	11
9	312	J. Lavani	P	P	P	P	P	P	P	P	P	P	P	P			P	14
10	313	S.K. Bajibi		P	P	P	P	P	P		P	P		P	P	P	P	12
11																		
12																		
13																		
14																		
15																		

  
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

22-23  
Class : 1BZC&Aqwa

S. No	Roll No.	Name of the Student	Signature
1	501	P. Uma	P. Uma.
2	504	B. Sumathi°	B. Sumathi
3	507	K. Vijaya Sri°	K. Vijaya Sri
4	508	G. Dhaneesha	G. Dhaneesha
5	509	S. Vishnu priyanka	S. Vishnu Priyanka
6	511	K. Sarwan	K. Sarwan
7	512	P. Karthikeya	P. Karthikeya
8	901	J. Chandana Seerishika	J. Chandana.
9	902.	B. Bharu prakash	B. Bharu Prakash.
10	903.	B. Vamsi°	B. Vamsi°
11	907.	K. Swetha	K. Swetha.
12	909.	S. Vuha	S. Vuha.
13	910.	Ch. Lakshmi° priya	Ch. Lakshmi priya.
14	915.	B. Vivekananda	B. Vivekananda
15	921.	Y. Divya Sai°	Y. Divya Sai

G. Jayanti

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section: *B.3c, Aava*  
Paper: *Bridge course*

Year : *2022-23*  
Lecturer: *Gr. Jyothi*

Department of: *Telugu*

Sl. No	Roll No	Student Name	category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	501	P. Uma		P	P	P	P	P	A	P	P	P	A	P	P	A	P	P	12
2	504	B. Sumathi		P	A	P	P	P	P	P	P	P	P	P	A	P	P	A	12
3	507	K. Vijaya Sasi		A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	12
4	508	G. Dhaneesha		P	P	P	A	P	P	P	P	P	A	P	A	P	P	P	12
5	509	S. Vishnu priyanka		A	P	P	P	P	P	P	P	P	P	A	P	P	A	P	12
6	511	K. Sarwan		P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	13
7	512	P. Karthikeya		P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	13
8	901	J. Chandana Seethika		P	P	A	P	P	A	P	P	P	P	A	P	P	P	P	13
9	902	B. Bhanu prakash		A	A	P	P	P	P	P	A	A	P	P	P	P	P	P	11
10	903	B. Vamsi		P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	14
11	907	K. Swetha		P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	13
12	909	S. Vaha		A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	13
13	910	Ch. Lakshmi priya		P	P	P	A	P	P	P	P	P	P	A	A	A	P	P	11
14	915	B. Vi. Veekaranda		P	A	P	P	P	P	P	P	P	P	A	P	P	A	A	11
15	921	Y. Divya Sai		A	P	P	P	A	P	P	P	P	P	A	P	P	A	P	11

*Gr. Jyothi*



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

**Bridge Course**

**Student Enrolment Sheet**

Class : T.MPes.

\* 2022-2023 \*

S. No	Roll No.	Name of the Student	Signature
1	22-604	J. Preethi	J. Preethi
2	606	S. Madhuban	S. Madhuban
3	609	A. Kavya Sri	A. kavya Sri
4	611	Abdul Sameera	Abdul Sameera
5	613	K.D. Pavani	Pavani
6	614	P. Raghavendra	Raghavendra
7	617	J. Bhanu	J. Bhanu
8	618	S. Nagendra Kumar	Nagendra kumar
9	621	G. Sri Ram	Sri Ram
10	622	T. Sujitha	T. sujitha
11	624	M. Charanya	Charanya
12	627	M. Kavya	M. kavya
13	628	B. Karthik	B. Karthik
14	630	P. Madhuri	Madhuri
15	631	T. Gayatri	T. Gayatri

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section: IMP 2


Year : 2022-2023

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	22-604	J. Poothee	P	P	P	P	P		P	P	P	P	P	P		P	P	13
2	606	S. Madhuban	P	P	P	P	P	P	P	P		P	P	P	P	P	P	14
3	609	A. Chavya Sou		P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
4	611	Abdul Sameera	P	P	P	P		P	P	P	P	P		P	P	P	P	13
5	613	C. D. Pavani	P	P	P	P	P		P	P	P	P	P			P		12
6	614	P. Raghavendra	P	P	P	P	P	P	P	P	P	P	P	P			P	14
7	617	J. Bhanu	P	P	P	P	P	P	P	P	P		P	P	P	P	P	14
8	618	S. Nagendra		P	P	P	P	P		P	P	P	P	P	P	P	P	13
9	621	G. Sou Ram	P	P	P	P	P	P		P	P	P	P	P	P	P	P	14
10	622	T. Sujitha	P		P	P	P	P	P	P	P		P	P	P	P	P	13
11	624	H. Charanya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
12	627	M. Chavya	P	P		P	P		P	P	P	P	P	P		P	P	12
13	628	B. Chaitrik	P	P	P	P	P	P	P	P	P	P	P	P			P	14
14	630	P. Madhuri	P	P	P		P	P	P	P		P	P	P			P	12
15	631	T. Gayathri		P	P	P	P	P		P	P	P	P	P	P	P	P	13

  
Signature of the HOD

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course

### Student Enrolment Sheet

Class : I Mces

2022-2023

S. No	Roll No.	Name of the Student	Signature
1	22-701	N. Poorna Sri	N. Poorna Sri
2	703	D. Nandini	D. Nandini
3	704	B. Sravani	B. Sravani
4	705	S. Gnaneswar	S. Gnaneswar
5	706	K. Durga Sai	K. Durga Sai
6	707	P. Uma Maheswari	P. Uma Maheswari
7	708	A. Sindhu	A. Sindhu
8	709	G. Navya Sri	G. Navya Sri
9	714	A. Sumitha	A. Sumitha
10	716	M. Chandu	M. Chandu
11	722	G. V. Prasanna	G. V. Prasanna
12	724	J. N. Nikhitha	J. N. Nikhitha
13	727	M. D. Prasad	M. D. Prasad
14	728	B. Abalya Rani	B. Abalya Rani
15	731	P. Lahari	P. Lahari

M. S. Kumari

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section: I Mee


Year: 2022-2023

Department of: Telugu

Paper:

Lecturer: M.L.S.Kumari

No	Roll No	Student Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
1	22-701	N. Poorna Devi	P	P	P	P	P	P	P	P	P	P		P	P	P	P	14
2	703	D. Nandini		P	P	P	P	P	P	P	P	P	P	P	P	P		13
3	704	B. Sravani	P	P	P	P	P	P	P	P		P	P	P	P	P	P	14
4	705	S. Binayeswari	P	P		P	P	P		P	P	P	P	P	P	P	P	13
5	706	P. Durga Devi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
6	707	P. V. Maheswari	P		P	P	P		P	P	P	P				P	P	11
7	708	A. Sindhu	P	P	P		P	P	P		P	P	P	P	P	P	P	13
8	709	G. Navya Devi	P	P	P	P		P	P	P	P		P	P	P	P		12
9	714	A. Sumitra		P	P	P	P	P	P	P	P	P	P	P		P	P	13
10	716	M. Chandu	P	P	P	P	P	P	P	P	P	P		P	P	P	P	14
11	722	G. V. Prasanna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
12	724	J. N. Nithi	P	P	P		P	P	P	P	P		P	P	P	P		12
13	727	M. D. Prasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	15
14	728	B. Ahalya Rani	P		P	P	P	P	P	P		P	P	P		P	P	12
15	731	P. Labani		P	P	P	P	P		P	P		P	P	P		P	11

  
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

22-23

Class : 1<sup>st</sup> B.Com Computer

S. No	Roll No.	Name of the Student	Signature
1	22-802	Phani	Phani
2	803	T. Santosh	T. Santosh
3	804.	K. Nandhini	K. Nandini
4	809	Sk. Sameera	Sk. Sameera
5	812.	J. Dinesh	J. Dinesh
6	815.	K. Srinivas	K. Srinivas
7	817.	K. Lakshman	K. Lakshman
8	818.	J. Sharada	J. Sharada
9	819.	K. Janaki	K. Janaki
10	826.	G. Gowri Chaitanya	G. Gowri Chaitanya
11	829.	Rajitha	Rajitha
12	832.	D. Anusha	D. Anusha
13	834.	Ch. Kranthi	Ch. Kranthi
14	836.	Y. Kavya	Y. Kavya
15	822.	G. Sravanthi	G. Sravanthi

G. Jyothi

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

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Bridge Course - Attendance Register

Class / Section: *B.Com (Com)*

Year : *2022-23*

Department of: *Telugu*

Paper: *Bridge course*

Lecturer: *Gr. Jyothi*

Roll No	Student Name	category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
802	Phani		P	P	A	P	P	P	P	P	P	A	A	P	P	A	11
803	T. Santhosh		P	P	P	P	P	A	P	A	P	A	P	P	P	A	12
804	K. Nandini		P	P	A	P	P	P	P	P	P	P	P	P	P	P	14
809	SK. shameexa		P	P	P	P	A	P	P	P	A	P	P	A	A	P	11
812	S. Dineesha		A	P	P	P	A	P	P	P	P	P	P	A	P	A	11
815	K. Srinivas		P	A	P	P	A	P	A	P	P	P	P	P	P	A	11
817	K. Lakshman		P	P	A	P	P	A	A	P	P	P	P	P	P	P	13
818	J. sharanu		P	P	P	P	A	P	P	P	P	P	P	A	A	P	12
819	K. Janaki		P	P	P	P	P	P	P	P	A	P	P	P	A	P	13
826	Gr. Geesichaitanya		P	P	P	P	P	P	P	P	P	A	P	A	P	P	13
829	Rajitha		P	P	P	P	A	P	P	A	P	P	P	A	P	P	12
832	D. Anusha		P	P	A	P	P	P	P	P	P	P	P	P	P	P	14
834	Ch. Ksanthi		A	P	P	P	A	P	P	A	P	P	P	P	P	P	13
836	Y. Kavya		P	P	P	P	P	A	P	P	P	P	P	P	P	P	14
822	Gr. Sravanthi		P	P	A	P	P	P	A	P	A	P	A	P	A	P	10

*Gr. Jyothi*









# **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

**2022-2023**



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

### **Bridge Course**

Department	:	ZOOLOGY
Academic year	:	2022-2023
Semester	:	I BZC( T.M&E.M)

2021-22

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

**Bridge Course**

**Student Enrolment Sheet**

Class : I BZC (E.M)

S. No	Roll No.	Name of the Student	Signature
1	22-501	P.UMA	P. Uma
2	22-502	CH.HARITHA	Ch Haritha
3	22-503	V.NITHYA SRI	V. Nithya Sri
4	22-504	D.SUMATHI	D. Sumathi
5	22-505	M.BHUVANA SRI	M. Bhuvana Sri
6	22-506	ABDUL AYESHA BEGUM	Ab. A. Begum
7	22-507	K.VIJAYA SRI	K. Vijaya Sri
8	22-508	G.DHANEESHA	G. Dhaneesha
9	22-509	S.VISHNU PRIYANKA	S. V. Priyanka
10	22-510	B.JAHNAVI	B. Jahnavi
11	22-511	K.SARWAN CHOWDARY	K. Sarwan Chowdary
12	22-512	B.KARTHIKEYA	B. Karthikeya

B. A. Leirany

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

**Bridge Course**

**Syllabus**

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

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

Department of Zoology

Bridge Course – Attendance & Marks (2022-2023)

Class :I B.Sc (BZC)			25/10/2022	27/10/2022	29/10/2022	1/11/2022	3/11/2022	5/11/2022	8/11/2022	Marks:20
Subject : Zoology										10/11/2022
Lecturer: K.Padmaja										
S.No	Roll no.	Name of the student	1	2	3	4	5	6	7	
1	22-501	P. Uma	A	A	P	P	P	P	P	14/20
2	22-502	Ch. Hasitha	P	P	A	P	P	P	P	14/20
3	22-503	V. Nithya Sri	P	P	P	A	P	P	P	12/20
4	22-504	B. Sumathi	P	P	P	P	P	P	P	12/20
5	22-505	M. Bhuvana Sri	P	P	A	P	P	P	P	18/20
6	22-506	Abdul. Ayesha Begum	P	P	P	P	P	P	P	18/20
7	22-507	K. Vijaya Sri	P	P	P	P	P	P	P	14/20
8	22-508	G. Dhaneesha	P	P	P	P	P	P	P	12/20
9	22-509	S. Vishnu priyanka	P	P	P	P	P	P	P	16/20
10	22-510	B. Jahnvi	P	A	P	P	P	P	P	18/20
11	22-511	K. Sasuran choudary	P	A	A	A	P	P	P	ABSENT
12	22-512	B. Koorthikeya.	P	P	P	P	P	P	P	ABSENT

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DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2022-23)

Class: I B.Sc.

Name: P. Uma

Max.Marks: 20

Date: 10/11/22

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 X
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~~ X
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 X
10. The longest and largest bone in the human body is  
A. Spinal cord B. Humerus C. Fibula D. ~~Femur~~ ✓

16/20  
24/20

DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2022-23)

Class: I B.Sc.

Name: Ch. Haritha

Max.Marks: 20

Date: 10/11/22

Time: 1/2 hrs.

Fill in the blanks with suitable answers.

10x2=20

14  
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~~

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DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2022-23)

Class: I B.Sc.

Name: *V.Nithyasree*

Max.Marks: 20

Date: *10-11-2022*

Time:  $\frac{1}{2}$  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 *✗*

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DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2022-23)

Class: I B.Sc.

Name: B.Sumathi

Max.Marks: 20

Date: 10-11-22.

Time: 1/2 hrs.

Fill in the blanks with suitable answers.

10x2=20

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

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DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2022-23)

Class: I B.Sc.

Name: M. bhuvaneshwari

Max.Marks: 20

Date: 10-11-22

Time:  $\frac{1}{2}$  hrs.

Fill in the blanks with suitable answers.

10x2=20

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

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DEPARTMENT OF ZOOLOGY

Test at the end of bridge programme during (2022-23)

Class: I B.Sc.

Name: *Ab. Ayesha Begum*

Max.Marks: 20

Date: *10/11/22*

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 ✓

*18/20*

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