

**T.R.R. GOVERNMENT DEGREE COLLEGE  
KANDUKUR**



1.1.1: Effective Curricular Planning and Delivery

# Bridge Courses

TRR GOVERNMENT DEGREE COLLEGE  
KANDUKUR

DEPARTMENT OF BOTANY

**BRIDGE COURSE REGISTER**

**2019-2020**

## INTRODUCTION

### Course Objective:

A bridge course is offered as a **one-week intensive course** for newly admitted students is conducted every year before the commencement of the first semester degree classes. The main objective of the course is to bridge the gap between subjects studied at Intermediate 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 which they would be learning through graduation.

Members of the staff from Botany Departments are involved in the bridge course.

An Entry-level test will be conducted on the Day-1 to assess their level of knowledge. An Exit-level test will be conducted at the end of the session.

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## TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR DEPARTMENT OF BOTANY

### DEPARTMENTAL RESOLUTION

Date:14-06-2019

It is resolved that the Department of Botany has decided to organize Bridge course in Botany subject for I B. Sc students of Botany with respect to CBCS syllabus from 17-06-2019 to 22-06-2019.

  
Head of the Department

  
Principal

PRINCIPAL  
T.R.R. GOVT. DEGREE COLLEGE  
NAAC Accredited B  
KANDUKUR-523 105, Prakasam Dt

**TRR GOVERNMENT DEGREE COLLEGE: KANDUKUR  
DEPARTMENT OF BOTANY**

**Context and Justification of Bridge course introduction**

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The syllabus for bridge course is designed in such a way to include those topics which were not covered comprehensively at Intermediate level. Introduction to Microbiology is chosen as a part of the bridge course to cover the topics and gaps found in the previous course. Topics such as Gemini virus, T-4 bacteriophage were not covered in Intermediate level.

Morphology is the prerequisite to study Taxonomy. In this bridge course, for better understanding of Taxonomy, we have included the Basics of Taxonomy along with morphology.

General characteristics of different algal and fungal groups along with their economic importance is given priority in bridge course for better understanding of the subject at degree level.

The functional aspects of the plants are utmost important to the student even at the Competitive examinations along with academic perspectives. A special emphasis is given to make the student aware of functional aspects of plants in the bridge course.

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**TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR  
DEPARTMENT OF BOTANY**

***Bridge course- Fundamentals of Botany***

**Contents of the syllabus:**

1. General Botany
2. Taxonomy
3. Algae & Fungi
4. Anatomy
5. Physiology

TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR  
DEPARTMENT OF BOTANY

*Bridge course- Fundamentals of Botany*

STUDENTS' LIST

Academic Year: 2019-2020

S. No	Name of the student	Signature
1	Annapureddy Kalyan	A. Kalyan
2	Burri Amulya	B. Amulya
3	Dhamathoti Hanuman	D. Hanuma
4	Gentinapalli Madhuri	J. Keerthi
5	Jada Keerthi	G. Madhu
6	Jayampu Philip	J. Philip
7	Mendakoti Surya	M. Koti Surya
8	Muppuri Balaji	M. Balaji
9	Ongolu. Sowjanya	O. Sowjanya
10	P. Lavanya	P. Lavanya
11	Rapuri.Prasad	R. Prasad
12	Seru Balaji	S. Balaji
13	Sykam JayaRamulu	S. Jayaramulu
14	Venkatagiri Gopi	V. Gopi

**TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR  
DEPARTMENT OF BOTANY**

**CIRCULAR**


Date:15-06-2019

The Department of Botany has planned to conduct Bridge course on Fundamentals of Botany to the students of academic year 2019-2020 from 17-06-2019 to 22-06-2019.

The following topics will be covered:

1. General Botany
2. Taxonomy
3. Algae & Fungi
4. Anatomy
5. Physiology

  
Head of the Department

  
Principal  
T.R.R. GOVT. DEGREE COLLEGE  
NAAC Accredited B  
KANDUKUR-523 105, Prakasam Dt

**TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR**  
**DEPARTMENT OF BOTANY**

**BRIDGE COURSE - FUNDAMENTALS OF BOTANY**

**Course Objectives:**

- ❖ To develop an aptitude towards science and nature.
- ❖ To equip the students with the basic skills in identifying and labelling different plants.
- ❖ The student completing the course is able to identify various life forms of plants
- ❖ To imbibe love and curiosity towards nature through the living plants
- ❖ To make them skilled in practical work, experiments, laboratory equipment and to interpret correctly on biological materials and data

**Learner Outcomes:**

- ❖ The course will enable students to know the earlier plants, their vegetative and reproductive structures and their importance.
- ❖ The course will enable students to know about different types of microorganisms viz. Bacteria, Viruses, Fungi and Cyanobacteria.
- ❖ Identify the angiosperms families with specific key characters; learn various advanced tools to study plant taxonomy.
- ❖ Students are able to describe the mechanism of seed germination and seed growth.
- ❖ The course will enable students to understand, to know and discuss the concept of physiological processes of plants.
- ❖ To Understand and describe the distribution of metabolic processes in the cell.

TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR, PRAKASAM DT.  
DEPARTMENT OF BOTANY  
BRIDGE COURSE  
FUNDAMENTALS OF BOTANY  
MODEL QUESTION PAPER  
(ENTRY LEVEL TEST- Date:17-06-2019)

Max Marks: 20M

Time:30 Mnts

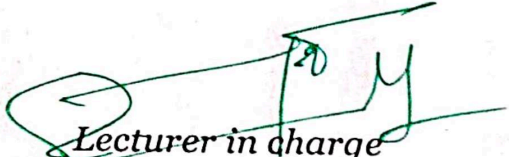
Answer all the following Questions with Tick mark.

- Which among the following is not a true fruit?  
(A) Plum (B) Dates (C) Grape (D) Apple
- Which of the following is a good source of protein?  
(A) Soya bean (B) Black Gram (C) Pea (D) Pigeon Pea
- Lichen is a composite combination of two organisms  
(A) Algae and Fungi (B) Algae and Bryophyta (C) Fungi and Fern (D) Fungi and Bryophyta
- Bamboo is classified as  
(A) Herb (B) Shrub (C) Tree (D) Grass
- The science dealing with diseases of plants is called as  
(A) Plant anatomy (B) Plant ecology (C) Plant pathology (D) Plant morphology
- This system of classification was used by Linnaeus  
(a) Phylogenetic system (b) Natural system (c) Artificial system (d) Asexual system
- The type of fermentation observed in yeasts is  
(a) acrylic fermentation (b) lactic acid fermentation (c) pyruvic fermentation  
(d) alcoholic fermentation
- Glucose molecule during the process of glycolysis is broken down into  
(a) Four pyruvic acid (b) Three pyruvic acid (c) Two pyruvic acid  
(d) One pyruvic acid
- The only living element of the xylem tissue is \_\_\_\_\_.  
(a) Vessels (b) Tracheids (c) Xylem Fiber (d) Xylem Parenchyma
- The process by which plant tissues becomes woody is \_\_\_\_\_.  
(a) Rectification (b) Calcification (c) Suberisation (d) Lignification

## STUDNETS' ATTENDANCE - BRIDGE COURSE

Semester: 1<sup>ST</sup>

S. No	Name of the student	17/06/19	18/06/19	19/06/19	20/06/19	21/06/19	22/06/19	23/06/19
1	Annapureddy Kalyan	✓	✓	✓	X	✓	X	✓
2	Burri Amulya	✓	X	✓	✓	✓	✓	X
3	Dhamathoti Hanuman	✓	✓	✓	X	✓	X	✓
4	Gentinapalli Madhuri	✓	✓	✓	✓	✓	✓	X
5	Jada Keerthi	✓	X	✓	X	✓	✓	✓
6	Jayampu Philip	✓	✓	X	✓	✓	✓	X
7	Mendakoti Surya	✓	✓	X	✓	✓	X	✓
8	Muppuri Balaji	✓	X	✓	X	✓	✓	X
9	Ongolu. Sowjanya	✓	✓	X	✓	✓	✓	X
10	P. Lavanya	✓	✓	✓	X	✓	✓	X
11	Rapuri.Prasad	X	✓	X	✓	✓	✓	✓
12	Seru Balaji	X	✓	✓	✓	✓	X	✓
13	Sykam JayaRamulu	✓	X	✓	✓	X	✓	X
14	Venkatagiri Gopi	✓	✓	X	✓	✓	X	✓

  
Lecturer in charge

**TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR, PRAKASAM DT**  
**DEPARTMENT OF BOTANY**  
**BRIDGE COURSE**  
**FUNDAMENTALS OF BOTANY**  
**MODEL QUESTION PAPER (EXIT-TEST) Date: 24-06-2019**

*Max Marks: 20M*

*Time: 30 Mnts*

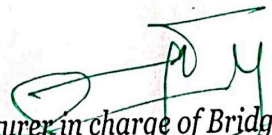
**Answer all the following Questions with Tick mark.**

1. Hydroponics is a method of cultivation of plants without the use of  
(a) water            (b) air            (c) soil            (d) sunlight
2. Which of these plants may not be suitable for cultivation through hydroponics  
(a) Tomatoes            (b) Carrot            (c) Cucumber            (d) Strawberries
3. Which of these is the most advanced phylogenetically among the dicotyledonous families?  
(a) Scrophulariaceae            (b) Acanthaceae            (c) Umbelliferae            (d) Compositae
4. Indole-3-acetic acid is the most common naturally occurring plant hormone of \_\_\_\_\_ class  
(a) Gibberellin            (b) Auxin            (c) Ethylene            (d) Cytokinin
5. Which of these is not a function of auxin?  
(a) inducing callus formation            (b) inducing dormancy            (c) enhancing cell division  
(d) maintaining apical dominance
6. In the five-kingdom system of classification, into which kingdom would you classify nitrogen-fixing organisms and archaea?  
(a) Fungi            (b) Plantae            (c) Protista            (d) Monera
7. Difference between the natural system of plant classification and artificial system of classification is  
(a) Considers only one vegetative character            (b) Considers all the similarities between plants  
(c) Considers only one floral character            (d) All of the above
8. 'New Systematics' term was coined by  
(a) Linnaeus            (b) Bentham and Hooker            (c) A.P. de Candolle            (d) Juliane Huxley
9. Honey is  
(a) Nectar of a flower            (b) Nectar stored in the honey sac            (c) Nectar mixed with saliva and stored in the honey sac            (d) Nectar and water sucked by honey bee
10. The main purpose that the aerenchyma serves in Parenchyma is  
(a) Offers flexibility            (b) Renders Buoyancy            (c) Provides structural framework  
(d) Provides mechanical support

**BRIDGE COURSE**  
**Fundamentals of Botany**

**Evaluation:**

S. No	Name of the student	Marks obtained at Entry-Test	Marks obtained at Exit - Test
1	Annapureddy Kalyan	14	18
2	Burri Amulya	12	16
3	Dhamathoti Hanuman	08	14
4	Gentinapalli Madhuri	10	16
5	Jada Keerthi	10	16
6	Jayampu Philip	16	18
7	Mendakoti Surya	14	16
8	Muppuri Balaji	12	16
9	Ongolu. Sowjanya	12	18
10	P.Lavanya	14	18
11	Rapuri.Prasad	10	16
12	Seru Balaji	12	16
13	Sykam JayaRamulu	10	16
14	Venkatagiri Gopi	10	16

  
Lecturer in charge of Bridge course

  
Head of the Department



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b site: [www.gdckandukur.ac.in](http://www.gdckandukur.ac.in)



**T.R.R. GOVERNMENT DEGREE COLLEGE::KANDUKUR**  
**PRAKASAM DISTRICT- ANDHRAPRADESH PIN:523 105**

[Affiliated to Acharya Nagarjuna University]  
[Established in 1966]

## **DEPARTMENT OF CHEMISTRY**

### **BRIDGE COURSE**

**2020-2021**



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**T.R.R.GOVERNMENTDEGREECOLLEGE::KANDUKUR**

**PRAKASAMDISRICT-ANDHRAPRADESHPIN:523 105**

[AffiliatedtoAcharayaNagarjunaUniversity]

[Established in 1966]

## CIRCULAR

29.01.2021

It is informed to the students of 1<sup>st</sup> BZC, MPC, AZC that department of chemistry is conducting BRIDGE COURSE in chemistry to strengthen basics in chemistry, and instructed the students to enroll in the course, there will be entry level examination on 30.01.2021 followed by commencement of classes from 01.02.2021

J. H. T. S.  
29/1/21

*(Signature)* - BCC  
MPC  
AZC  
BZC

*(Signature)*  
29/1/21

PRINCIPAL  
T.R.R. Govt. Degree College  
KANDUKUR - 523105  
Dist.



**DEPARTMENT OF CHEMISTRY**

**BRIDGE COURSE**

**CONTENTS**

<b>S.NO</b>	<b>NAME OF THE DOCUMENT</b>	
<b>1</b>	<b>Introduction to bridge course</b>	
<b>2</b>	<b>Resolution</b>	
<b>3</b>	<b>Bridge course contents of the syllabus</b>	
<b>4</b>	<b>Learning objectives &amp; outcomes</b>	
<b>5</b>	<b>Circular</b>	
<b>6</b>	<b>List of students with signatures</b>	
<b>7</b>	<b>Student's attendance</b>	
<b>8</b>	<b>Marks statement</b>	
<b>9</b>	<b>Pre - Bridge course test</b>	
<b>10</b>	<b>Post-bridge course test</b>	



**TRR GOVERNMENT COLLEGE, KANDUKUR**

**DEPARTMENT OF CHEMISTRY**

**BRIDGE COURSE**

**INTRODUCTION**

**Bridge Course Objective:**

The main objective of the course is to bridge the gap between subjects studied at Intermediate level and subjects they would be studying in Graduation.

A bridge course is offered as a **one-week intensive course** for newly admitted students is conducted every year before the commencement of the first semester degree classes. The syllabus for the course is framed in such a way that they get basic knowledge on the subjects from which they would be learning through graduation.

Members of the staff from chemistry Department are involved in the bridge course.

A Pre-bridge course test will be conducted on the Day-1 to assess their level of knowledge. A Post-bridge course test will be conducted at the end of the session to know about their learning skills.

## FUNDAMENTALS OF CHEMISTRY

### LEARNING OBJECTIVES:-

By the end of this course students will be able to

- Describe the formation of covalent bonds in terms of overlapping of atomic orbitals.
- Define and give examples of  $\sigma$  and  $\pi$  bonds.
- How the chemical elements are arranged in the Periodic table.
- They can able to define gas laws.
- Define isomerism
- Distinguish the different types of isomers present in carbon chain
- Recall the definition of solution, Tyndall effect and the difference between adsorption and absorption.

### LEARNING OUTCOMES:-

After the completion of this course students will be able to

- Understand how the concept of valency can account for, and predict the formulas of compounds.
- Understand the difference between ionic bond, covalent bond, metallic bond and coordinate covalent bond.
- **Define and explain surface- and inter facial phenomena.**
- Describe and explain different types of colloidal systems.
- Describe interactions between colloidal particles and explain colloidal stability and instability.

**TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR**  
**DEPARTMENT OF CHEMISTRY**  
**BRIDGE COURSE -2020-21**  
**SYLLABUS**

S.No	Name of the topic	Name of the faculty
1.	Chemical bonding-valency bond theory, structures of homo and hetero diatomic molecules .merits and demerits of the theory.	J.Mythri
2.	Hybridization-types with examples	J.Mythri
3.	Periodic properties of elements	Dr.M.Srinivasa reddy
4.	Hydrocarbons-isomerism	Dr.M.Srinivasa reddy
5.	Elements of symmetry	G.Kishore
6.	Gas laws -concept of mole	J.Mythri,
7.	qualitative analysis and reagents	J.Mythri, G.Kishore
8.	Concept of adsorption	Dr.M.Srinivasa reddy
9.	Volumetric analysis-apparatus and procedure	G.Kishore
10.	Exothermic and Endothermic reactions	Dr.M.Srinivasa reddy

TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR

DEPARTMENT OF CHEMISTRY

BRIDGE COURSE -2020-21

STUDENTS LIST

I BZC, AZC & MPC

SNO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
1	A.KALYAN	A. Kalyan.
2	B.VINEETHA	B. Vineetha
3	B.AMULYA	B. Amulya.
4	G.MADHURI	G. madhuri
5	J.PHILIP	J. Philip
6	M.KOTASURYA	M. Kotisurya
7	O.SOWJANYA	O. Sowjanya
8	S.JAYARAMULU	S. Jayaramulu.
9	A.RAJKUMAR	A. Rajkumar.
10	CH.JYOSTHNA	ch. Jyosthna.
11	K.ALLEN CHRISTINA	K. Allen Christina
12	M.RAJASEKHAR	M. Raja Sekhar.
13	K.LAKSHMI	k. lakshmi
14	K.MADHU	k. Madhu
15	P.SUSMITHA	P. Susmitha

TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR

DEPARTMENT OF CHEMISTRY

BRIDGE COURSE -2020-21

MARKS STATEMENT

I BZC, AZC & MPC

SNO	NAME OF THE STUDENT	PRE-TEST	POST-TEST	REMARKS
1	A.KALYAN	06	10	
2	B.VINEETHA	02	07	
3	B.AMULYA	02	08	
4	G.MADHURI	05	09	
5	J.PHILIP	05	09	
6	M.KOTISURYA	03	08	
7	O.SOWJANYA	04	09	
8	S.JAYARAMULU	04	09	
9	A.RAJKUMAR	04	09	
10	CH.JYOSTHNA	04	09	
11	K.ALLEN CHRISTINA	05	10	
12	M.RAJASEKHAR	05	09	
13	K.LAKSHMI	06	10	
14	K.MADHU	06	9	
15	P.SUSMITHA	04	9	

# Pupils Attendance Register

పేరు .....  
 సంవత్సరము .....

1	2	3	4	5												
అధ్యయన సంవత్సరం	పేరు	పేరు	గిరినామం	1/2/21	2/2/21	3/2/21	4/2/21	5/2/21	6/2/21	7/2/21	8	9	10	11	12	13

1	A. Kalyan			P	P	P	P	P	P	P						
2	B. Vineetha			P	P	a	P	P	P	P						
3	B. Amulya			P	P	P	a	P	P	P						
4	G. Madhuri			P	P	P	P	P	P	P						
5	J. Philip			P	P	P	P	P	P	P						
6	M. Koti Surya			P	P	a	P	P	P	P						
7	G. Sowjanya			P	P	P	P	P	P	a	P					
8	S. Jayaramulu			P	a	P	a	P	P	P						
9	A. Raj Kumar			P	P	a	P	a	P	P						
10	Ch. Jyosthna			P	P	P	P	P	a	P						
11	K. Allen Christina			P	P	P	P	P	P	P						
12	M. Rajasekhar			P	P	a	P	P	P	P						
13	N. Lakshmi			P	P	P	P	P	P	P						
14	K. Madhu			P	P	P	P	P	P	P						
15	P. Susmitha			P	P	P	P	P	P	P						

*(Handwritten signatures and marks)*

# **PRE-BRIDGE COURSE TEST**

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## **EVALUATED SCRIPTS**

T.R.R.GOVERNMENT DEGREE COLLEGE, KANDUKUR.

DEPARTMENT OF CHEMISTRY

I B.SC (B.Z.C,A.Z.C&M.P.C)-I- SEMESTER-Pre-Bridge Course Test

Name of the student:- A. Kalyan

Max.marks: 10

Class: I B.Sc

Group:- B 2 c

Answer all questions. Each question carries one mark.

1. What is Inorganic Benzene?

- a) Borazole b) cyclohexane c) diborane d) none of the above

(b) ✓

2. What is the shape of Methane molecule?

- a) Linear b) tetrahedral c) Planar d) Trigonal bipyramidal

(b) ✓

3. The metal atom present in chlorophyll is

- a) Magnesium b) Iron c) Manganese d) Cobalt

(b) ✓

4. What is the molecular weight of  $\text{CaCO}_3$ ?

- a) 90 b) 100 c) 88 d) none of the above

(b) ✓

5. Name the highest electronegative element in the Periodic table

- a) Chlorine b) bromine c) oxygen d) Iodine

(b) ✓

6. Which of the following methods is best suited for the separation of a mixture containing naphthalene and benzoic acid?

- (a) Crystallization (b) Chromatography (c) Sublimation (d) Distillation

(b) ✓

7. What is marsh gas?

- a) Methane b) Ethane c) Propane d) butane

(a) ✓

8. Hydrocarbons are organic compounds with element

- a) Carbon b) hydrogen c) both carbon and hydrogen d) none of the above

(b) ✓

9. A water drop is spherical in shape due to \_\_\_\_\_

- (a) Viscosity (b) Poise (c) Surface tension (d) Reflection

(c) ✓

10. Name the hybridization present in  $\text{PCl}_5$  molecule

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

(c) ✓

6/10

T.R.R.GOVERNMENT DEGREE COLLEGE, KANDUKUR.

DEPARTMENT OF CHEMISTRY

I B.SC (B.Z.C,A.Z.C&M.P.C)-I- SEMESTER-Pre-Bridge Course Test

Name of the student:- B. Vineetha

Max.marks: 10

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

Group:- B7C

2  
10

Answer all questions. Each question carries one mark.

1. What is Inorganic Benzene?

- a) Borazole b) cyclohexane c) diborane d) none of the above

b) X

2. What is the shape of Methane molecule?

- a) Linear b) tetrahedral c) Planar d) Trigonal bipyramidal

c) X

3. The metal atom present in chlorophyll is

- a) Magnesium b) Iron c) Manganese d) Cobalt

d) X

4. What is the molecular weight of  $\text{CaCO}_3$ ?

- a) 90 b) 100 c) 88 d) none of the above

a) ✓

5. Name the highest electronegative element in the Periodic table

- a) Chlorine b) bromine c) oxygen d) Iodine

a) ✓

6. Which of the following methods is best suited for the separation of a mixture containing naphthalene and benzoic acid?

- (a) Crystallization (b) Chromatography (c) Sublimation (d) Distillation

b) X

7. What is marsh gas?

- a) Methane b) Ethane c) Propane d) butane

c) X

8. Hydrocarbons are organic compounds with element

- a) Carbon b) hydrogen c) both carbon and hydrogen d) none of the above

b) X

9. A water drop is spherical in shape due to \_\_\_\_\_

- (a) Viscosity (b) Poise (c) Surface tension (d) Reflection

c) ✓

10. Name the hybridization present in  $\text{PCl}_5$  molecule

- a) SP b)  $dSP^2$  c)  $SP^3d$  d)  $SP^3d^2$

d) X

T.R.R.GOVERNMENT DEGREE COLLEGE, KANDUKUR.

DEPARTMENT OF CHEMISTRY

I B.SC (B.Z.C;A.Z.C&M.P.C)-I- SEMESTER-Pre-Bridge Course Test

5/10

Name of the student:- G. Madhuri

Max.marks: 10

Class: 1st BSC

Group:- B7C

Answer all questions. Each question carries one mark.

1. What is Inorganic Benzene?

- a) Borazole b) cyclohexane c) diborane d) none of the above

b X

2. What is the shape of Methane molecule?

- a) Linear b) tetrahedral c) Planar d) Trigonal bipyramidal

b ✓

3. The metal atom present in chlorophyll is

- a) Magnesium b) Iron c) Manganese d) Cobalt

b X

4. What is the molecular weight of  $\text{CaCO}_3$ ?

- a) 90 b) 100 c) 88 d) none of the above

b ✓

5. Name the highest electronegative element in the Periodic table

- a) Chlorine b) bromine c) oxygen d) Iodine

b X

6. Which of the following methods is best suited for the separation of a mixture containing naphthalene and benzoic acid?

- (a) Crystallization (b) Chromatography (c) Sublimation (d) Distillation

b X

7. What is marsh gas?

- a) Methane b) Ethane c) Propane d) butane

a ✓

8. Hydrocarbons are organic compounds with element

- a) Carbon b) hydrogen c) both carbon and hydrogen d) none of the above

b X

9. A water drop is spherical in shape due to \_\_\_\_\_

- (a) Viscosity (b) Poise (c) Surface tension (d) Reflection

c ✓

10. Name the hybridization present in  $\text{PCl}_5$  molecule

- a) SP b)  $dSP^2$  c)  $SP^3d$  d)  $SP^3d^2$

d ✓

T.R.R.GOVERNMENT DEGREE COLLEGE, KANDUKUR.

DEPARTMENT OF CHEMISTRY

I B.SC (B.Z.C,A.Z.C&M.P.C)-I- SEMESTER-Pre-Bridge Course Test

6/10

Name of the student:- k. Madhu

Max.marks: 10

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

Group:- MPC

Answer all questions. Each question carries one mark.

1. What is Inorganic Benzene?

- a) Borazole b) cyclohexane c) diborane d) none of the above

(a) ✓

2. What is the shape of Methane molecule?

- a) Linear b) tetrahedral c) Planar d) Trigonal bipyramidal

(a) ✗

3. The metal atom present in chlorophyll is

- a) Magnesium b) Iron c) Manganese d) Cobalt

(a) ✓

4. What is the molecular weight of  $\text{CaCO}_3$ ?

- a) 90 b) 100 c) 88 d) none of the above

(a) ✗

5. Name the highest electronegative element in the Periodic table

- a) Chlorine b) bromine c) oxygen d) Iodine

(a) ✓

6. Which of the following methods is best suited for the separation of a mixture containing naphthalene and benzoic acid?

- (a) Crystallization (b) Chromatography (c) Sublimation (d) Distillation

(a) ✗

7. What is marsh gas?

- a) Methane b) Ethane c) Propane d) butane

(a) ✓

8. Hydrocarbons are organic compounds with element

- a) Carbon b) hydrogen c) both carbon and hydrogen d) none of the above

(a) ✗

9. A water drop is spherical in shape due to \_\_\_\_\_

- (a) Viscosity (b) Poise (c) Surface tension (d) Reflection

(c) ✓

10. Name the hybridization present in  $\text{PCl}_5$  molecule

- a) SP b)  $dSP^2$  c)  $SP^3d$  d)  $SP^3d^2$

(c) ✓

# **POST-BRIDGE COURSE TEST**

## **EVALUATED SCRIPTS**

Max Marks: 10M

Answer all the following Questions with Tick mark, (✓)

1. At the same temperature and pressure, which of the following gases will have the highest kinetic energy per mole  
 (a) Hydrogen (b) Oxygen (c) Methane (d) All the same

2. The r.m.s. velocity of a gas depends upon

(a) Temperature only (b) Molecular mass only (c) Temperature and molecular mass of gas (d) None

3.  $sp^3d^2$  hybridization is present in  $[Co(NH_3)_6]^{3+}$ , find its geometry

(a) Octahedral geometry (b) square planar geometry (c) tetragonal geometry (d) tetrahedral geometry

4. Which one has a pyramidal shape?

(a)  $SO_2$  (b)  $PCl_3$  (c)  $CO_3^{2-}$  (d)  $NO_2^-$

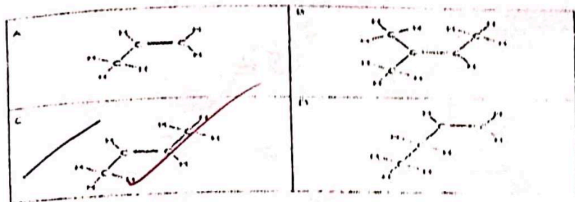
5. The term used to determine the protecting power of a lyophilic colloid is

(a) oxidation number (b) coagulation value (c) gold number (d) critical micelle concentration

6. Fog is an example of which type of colloidal system?

(a) Gas in liquid (b) Solid in gas (c) Liquid in gas (d) Gas in gas

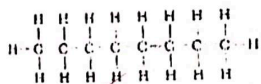
7. Which molecule can exist as geometrical isomers (cis/trans)? ( )



8. Alkane molecules are held together by

- a) metallic bonds  
 b) vander waals forces of attractions  
 c) covalent bonds ✓  
 d) ionic bonds

9. How many covalent bonds does each carbon have in the molecule shown?



- a) 4 ✓ b) 2 c) 8 d) 6

10. What is the organic family for propene?

- a) alkanes b) alkenes ✓ c) alkynes d) aromatics

10/10

Max Marks: 10M

Answer all the following Questions with Tick mark (✓)

1. At the same temperature and pressure, which of the following gases will have the highest kinetic energy per mole

- (a) Hydrogen (b) Oxygen (c) Methane (d) All the same

2. The r.m.s. velocity of a gas depends upon

- (a) Temperature only (b) Molecular mass only (c) Temperature and molecular mass of gas (d) None

3.  $sp^3d^2$  hybridization is present in  $[Co(NH_3)_6]^{3+}$ . Find its geometry

- (a) Octahedral geometry (b) square planar geometry (c) tetragonal geometry (d) tetrahedral geometry

4. Which one has a pyramidal shape?

- (a)  $SO_2$  (b)  $PCl_3$  (c)  $CO_3^{2-}$  (d)  $NO_3^-$

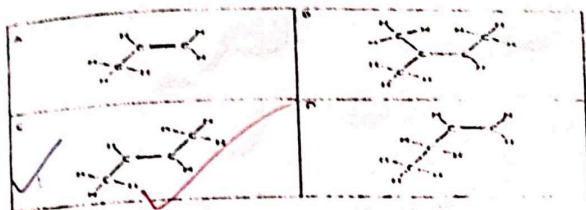
5. The term used to determine the protecting power of a lyophilic colloid is

- (a) oxidation number (b) coagulation value (c) gold number (d) critical micelle concentration

6. Fog is an example of which type of colloidal system?

- (a) Gas in liquid (b) Solid in gas (c) Gas in gas (d) Liquid in gas

7. Which molecule can exist as geometrical isomers (cis/trans)? ( )

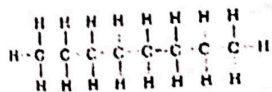


7/10

8. Alkane molecules are held together by

- a) metallic bonds  
 b) vander waals forces of attractions  
 c) covalent bonds ✓  
 d) ionic bonds

9. How many covalent bonds does each carbon have in the molecule shown?



- a) 4 b) 2 c) 8 d) 6

10. What is the organic family for propene?

- a) alkanes b) alkenes ✓ c) alkynes d) aromatics

Max Marks: 10M

Answer all the following Questions with Tick mark.(✓)

1. At the same temperature and pressure, which of the following gases will have the highest kinetic energy per mole  
 (a) Hydrogen (b) Oxygen (c) Methane (d) All the same

2. The r.m.s. velocity of a gas depends upon  
 (a) Temperature only (b) Molecular mass only (c) Temperature and molecular mass of gas (d) None

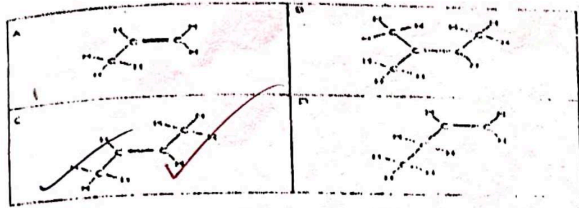
3.  $sp^3d^2$  hybridization is present in  $[Co(NH_3)_6]^{3+}$ , find its geometry  
 (a) Octahedral geometry (b) square planar geometry (c) tetragonal geometry (d) tetrahedral geometry

4. Which one has a pyramidal shape?  
 (a)  $SO_2$  (b)  $PCl_3$  (c)  $CO_3^{2-}$  (d)  $NO_2^-$

5. The term used to determine the protecting power of a lyophilic colloid is  
 (a) oxidation number (b) coagulation value (c) gold number (d) critical micelle concentration

6. Fog is an example of which type of colloidal system?  
 (a) Gas in liquid (b) Solid in gas (c) Gas in gas (d) Liquid in gas

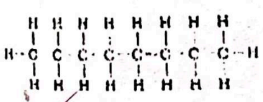
7. Which molecule can exist as geometrical isomers (cis/trans)? ( )



8. Alkane molecules are held together by

- a) metallic bonds
- b) vander waals forces of attractions
- c) covalent bonds
- d) ionic bonds

9. How many covalent bonds does each carbon have in the molecule shown?



- a) 4
- b) 2
- c) 8
- d) 6

10. What is the organic family for propene?

- a) alkanes
- b) alkenes
- c) alkynes
- d) aromatics

8/10

Max Marks: 100

Answer all the following (Questions with pink mark 1/1)

1. At the same temperature and pressure, which of the following gases will have the highest average kinetic energy per molecule?  
(a) Hydrogen (b) Oxygen (c) Methane (d) All the same

2. The rate of diffusion of a gas depends upon:

(a) Temperature only (b) Molecular mass only (c) Temperature and molecular mass of gas (d) None

3.  $sp^3$  hybridization is present in  $[CoCl_4]^{2-}$ . Find its geometry:

(a) Tetrahedral geometry (b) square planar geometry (c) trigonal bipyramidal geometry (d) octahedral geometry

4. Which one has a pyramidal shape?

(a)  $SO_2$  (b)  $PF_3$  (c)  $CO_2$  (d)  $HCl$

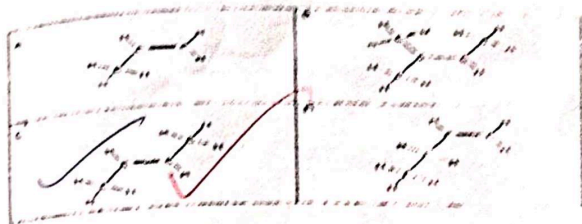
5. The term used to determine the protecting power of a hydrophilic colloid is

(a) Oxidation number (b) coagulation value (c) Gold number (d) critical micelle concentration

6. Fog is an example of which type of colloidal system?

(a) Gas in liquid (b) Solid in gas (c) Gas in liquid (d) Liquid in gas

7. Which molecule can exist as geometrical isomers (cis/trans)? ( )



8. Alkane molecules are held together by

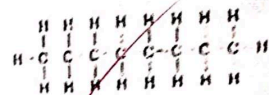
a) metallic bonds

b) van der Waals forces of attractions

c) covalent bonds

d) ionic bonds

9. How many covalent bonds does each carbon have in the molecule shown?



a) 4 b) 2 c) 8 d) 6

10. What is the organic family for propene?

a) alkanes b) alkenes c) alkynes d) aromatics

9/10

T.R.R. GOVT. DEGREE COLLEGE

KANDUKUR - Prakasam Dist.

2021 - 2022



**DEPARTMENT OF  
ECONOMICS.**

**BRIDGE COURSE**

## INTRODUCTION

### Course Objective:

A bridge course is offered as a **one-week intensive course** for newly admitted students is conducted every year before the commencement of the first semester degree classes. The main objective of the course is to bridge the gap between subjects studied at Intermediate 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 whom they would be learning through graduation.

Members of the staff from Economics Department are involved in the bridge course.

An Entry-level test will be conducted on the Day-1 to assess their level of knowledge. An Exit-level test will be conducted at the end of the session.


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## TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR DEPARTMENT OF ECONOMICS

### DEPARTMENTAL RESOLUTION

Date: 09-10-2021

It is resolved that the Department of Economics has decided to organize Bridge course in Economics subject for I B.A students of Economics with respect to CBCS syllabus from 20-10-2021 to 28-10-2021.

  
Head of the Department

  
Principal  
PRINCIPAL  
T.R.R. GOVT. DEGREE COLLEGE  
NAAC Accredited B  
KANDUKUR-523 105, Prakasam Dt

TRR GOVERNMENT DEGREE COLLEGE:: KANDUKUR  
DEPARTMENT OF ECONOMICS

Context and Justification of Bridge course introduction

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The syllabus for bridge course is designed in such a way to include those topics which were not covered comprehensively at Intermediate level. Introduction to Micro Economics is chosen as a part of the bridge course to cover the topics and gaps found in the previous course. Topics such as Capital, Wealth, Price, value, utility, income, planning, and subject matter of economics were not studied at Intermediate level for those non-economics students groups like MPC, Bi PC, Vocational, Open Inter etc.

Subject matter of economics is the prerequisite to study the economics. In this bridge course, for better understanding of economics, we have included the Basics of economics.

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TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR  
DEPARTMENT OF ECONOMICS

*Bridge course- Fundamentals of Economics*

**Contents of the syllabus:**

1. Economics-Introduction
2. Subject matter of Economics
3. Capital
4. Value
5. Price
6. Wealth
7. Demand and Supply
8. Planning
9. Development

TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR  
DEPARTMENT OF ECONOMICS

*Bridge course- Fundamentals of Economics*

STUDENTS' LIST

Academic Year: 2021-2022

S. No	Name of the student	Group in Inter (Other than Economics)	Signature
1	M Swaminathan	Bi pc	M Swaminathan
2	Y Nani	MPC	Y. Nani
3	A Prabhu Kiran	VOCATIONAL	A. Prabhu Kiran
4	K Venkat	OPEN INTER	K. Venkat
5	M Divya	BIPC	M. Divya
6	D Revathi	MPC	D. Revathi
7	A Sneha	OPEN INTER	A Sneha
8	P Naveena	BIPC	P. Naveena
9	M Vengamma	VOCATIONAL	M. Vengamma
10	B Siva	MPC	B. Siva

  
Head of the Department

  
Lecturer in Economics

  
Principal  
T.R.R. GOVT. DEGREE COLLEGE  
NAAC Accredited B  
KANDUKUR-523 105, Prakasam Dt

TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR  
DEPARTMENT OF ECONOMICS


CIRCULAR


Date: 11-10-2021

The Department of Economics has planned to conduct Bridge course on Fundamentals of Economics to the students of academic year 2021-2022 from 20.10.2021 to 28.10.2021.

The following topics will be covered:

1. Economics -Introduction
2. Subject matter of Economics
3. Capital
4. Value
5. Price
6. Wealth
7. Demand and Supply
8. Planning
9. Development

  
Head of the Department

  
Principal  
PRINCIPAL  
T.R.R. GOVT. DEGREE COLLEGE  
NAAC Accredited B  
KANDUKUR-523 105, Prakasam Dt

**TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR**  
**DEPARTMENT OF ECONOMICS**  
**BRIDGE COURSE - FUNDAMENTALS OF ECONOMICS**

**Course Objectives:**

- ❖ To develop an aptitude towards Economics and society.
- ❖ To understand the society with the basic knowledge of Economics and identifying and applying different concepts of Economics.
- ❖ By completing the course the student is able to identify and understand the basic concepts of Economics on par with Economics students

**Learner Outcomes:**

- ❖ The course will enable students to know about basic concepts of Economics and its importance.
- ❖ The course will enable students to know about different concepts of micro economics viz. Capital. Wealth, price, planning value etc.
- ❖ Students will be in a position to understand the regular concepts of economics on par with economics students at intermediate level.
- ❖ Students are able to develop interest on the economics subject.

TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR, PRAKASAM DT  
DEPARTMENT OF ECONOMICS  
BRIDGE COURSE  
FUNDAMENTALS OF ECONOMICS  
MODEL QUESTION PAPER

(ENTRY LEVEL TEST- Date: 18-10-2021)

Max Marks: 20 M

Time: 30 Minutes

*Answer all the following Questions with Tick mark.*

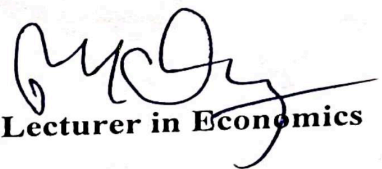
1. Who is the father of Economics?  
(A) Adam Smith  
(C) JM Keynes  
(B) David Ricardo  
(D) Alfred Marshall
2. Wants are?  
(A) Limited  
(C) can't tell  
(B) Unlimited  
(D) None
3. Capital means?  
(A) Money  
(C) Buildings  
(B) Land  
(D) All
4. What is Price?  
(A) Value of commodity minus tax  
(C) value of raw materials  
(B) Production cost  
(D) Value of commodity with tax
5. Subject matter of Economics  
(A) Wants  
(C) Alternative Uses  
(B) Limited Resources  
(D) All
6. Infrastructure is  
(A) Roads  
(C) Transport  
(B) Power  
(D) All
7. Planning is \_\_\_\_\_
8. The development means \_\_\_\_\_
9. The demand means \_\_\_\_\_
10. Supply means \_\_\_\_\_

## STUDNETS' ATTENDANCE - BRIDGE COURSE

Semester: I

S. No	Name of the student	20/10/21	21/10/21	22/10/21	23/10/21	25/10/21	26/10/21	27/10/21	28/10/21
1	M Swaminathan	P	P	A	P	P	A	P	P
2	Y Nani	P	P	P	A	P	P	P	P
3	A Prabhu Kiran	A	P	P	P	A	A	P	P
4	K Venkat	P	P	P	P	A	P	P	P
5	M Divya	P	P	P	P	P	P	P	P
6	D Revathi	P	P	P	P	P	P	P	P
7	A Sneha	A	P	P	P	P	P	P	P
8	P Naveena	P	A	P	P	P	P	P	P
9	M Vengamma	A	P	P	P	P	P	P	P
10	B Siva	P	A	P	P	A	P	P	P

  
Head of the Department

  
Lecturer in Economics

  
**Principal**  
T.R.R. GOVT. DEGREE COLLEGE  
NAAC Accredited B  
KANDUKUR-523 105, Prakasam Dt

TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR, PRAKASAM DT  
DEPARTMENT OF ECONOMICS  
BRIDGE COURSE  
FUNDAMENTALS OF ECONOMICS  
MODEL QUESTION PAPER (EXIT-TEST) Date: 30-10-2021

Max Marks: 20 M

Time: 30 Mts

Answer all the following Questions with Tick mark.

Answer all the following Questions with Tick mark.

1. Who is the father of Economics?  
(A) Adam Smith (B) David Ricardo  
(C) JM Keynes (D) Alfred Marshall
2. Wants are?  
(A) Limited (B) Unlimited  
(C) can't tell (D) None
3. Capital means?  
(A) Money (B) Land  
(C) Buildings (D) All
4. What is Price?  
(A) Value of commodity minus tax (B) Production cost  
(C) value of raw materials (D) Value of commodity with tax
5. Subject matter of Economics  
(A) Wants (B) Limited Resources  
(C) Alternative Uses (D) All
6. Infrastructure is  
(A) Roads (B) Power  
(C) Transport (D) All
7. Planning is \_\_\_\_\_
8. The development means \_\_\_\_\_
9. The demand means \_\_\_\_\_
10. Supply means \_\_\_\_\_

**BRIDGE COURSE**  
**Fundamentals of Economics**

Evaluation

S. No	Name of the student	Marks obtained at Entry-Test	Marks obtained at Exit - Test
1	M Swaminathan	6	14
2	V Nani	8	16
3	A Prabhu Kiran	4	12
4	K Venkat	10	18
5	M Divya	4	14
6	D Revathi	4	16
7	A Sneha	6	14
8	P Naveena	10	18
9	M Vengamma	8	16
10	B Siva	6	14



Lecturer in charge of Bridge course



Head of the Department



Principal  
T.R.R. GOVT. DEGREE COLLEGE  
NAAC Accredited B  
KANDUKUR-523 105, Prakasam Dist

***Bridge Course Register***  
***TRR Government Degree***  
***College,***  
***Department of Telugu***

## Objectives :- (లక్ష్యాలు).

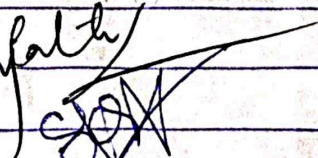
1. సాహిత్యం పట్ల ఆకీర్షించి కలిగించడం.
2. ప్రముఖ కవులను, వారి రచనలను పరిచయం చేయడం ద్వారా ఆయా రచనలు చదవాలన్న ఆసక్తి విద్యార్థులలో కలిగించడం.
3. నిర్దేశితాలకు అలంకారిక ప్రయోగాలను గూర్చి తెలుసుకొవడమేకాక చదవాలంటే పాఠ్యాంశాలలో అలంకారాలను గూర్చి తెలుసుకోవాలి. వాటిని సూక్తింపగలుగుతారు.

## Out Comes :- (ఫలితాలు)

\* ప్రాచీన సాహిత్యాలకు నవ్యులు, ఆధునికులు భారతం, ఇతర దేశాలకు పరిచయం చేయాలి. ఎందుకంటే ఆ సాహిత్యం ప్రపంచంలో చాలా ప్రాచుర్యం పొందింది.

\* చదువులో విద్యార్థుల సాహిత్యబోధనలు తెలుసుకోవడం ద్వారా చదువులో ముగిసిన వారికి వారి విద్యలో ప్రాచీన సాహిత్యం చదివినట్లుగా భావించాలి. ప్రాచీన సాహిత్యం చదివిన వారిలో ప్రాచీన సాహిత్యం చదివినట్లుగా భావించాలి.

\* సాహిత్యంలో వివిధ ప్రకారాలను గూర్చి అధ్యయనం చేయడం వారిలో ఉత్సాహం పెంచాలి. వారిలో ఉత్సాహం పెంచాలి.

K. Sufalath  




9.	24-11-21	BA, BCom & BSc SK. Shamaz Begum	ವ್ಯಾಕರಣ
10.	25-11-21	BA BCom & BSc - SK. Shamaz Begum	ಛಂದಶಾಸ್ತ್ರ

~~K. Shakti~~

ವ್ಯಾಕರಣದ ಅವಗಾಹಕ  
ತರಗತಿ, 2021 ವರ್ಷದ  
ಕೊನೆ ವ್ಯಾಕರಣ ಪರೀಕ್ಷೆಯ  
ನುರ್ದೇಶನವು ಕೆಳಗೆ.

ನಿರ್ದೇಶನಗಳು ಹೀಗಿವೆ  
ಪ್ರತಿಭಾಗವನ್ನು ಸೂಕ್ತ  
ವಿಷಯಗಳನ್ನು  
SUBAL ಎಂಬ  
ಛಂದಶಾಸ್ತ್ರದ ಸೆಕೆಂಡ್.  
ನೀಡುವ ಛಂದಶಾಸ್ತ್ರದ  
ಪ್ರಾಧಿಕಾರದ ಅಧ್ಯಯನ  
ಮೇಲೆ.

# Slip Test

29-11-2021

Max. Marks: 15

I ఈ క్రింది ప్రశ్నలకు దరపదం తేడా దిక వాక్యాలను సయకాధానయియుక్కు.

5M

1. ముహుళురతలలు విన్నెవర్షాలను తికొన రాకింటెను?
2. ణాతి తెలుగు కతకం విడి?
3. త్రిత్యుష్ట వేవరాలలుల పభా భవనం పేకెయి?
4. కవీంద్రుడి సంధి పేరు తెల్పండి.
5. వసుజ్జాల సలలు గేయల రావయిత వివరు?

5M

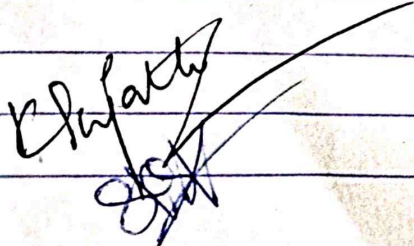
II ఈ క్రింది వానిలు తప్పు లిప్పులను సుక్రించుము

1. కవిత్వయలు మెనటివాన్ది తికొన .
2. " తెల్ల కలువ " వ్షుంచ్చి సయకాసుం .
3. " ఆదికవి " అనునడి తికొన బరుడు , 5M
4. " నీతిమేయలు " ణాతి త్రివాద కణలా సయకానం .
5. " పాయసం అయ్యతం వతె ఉన్నడి " ఇడి డుయాలంతరం .

III ఈ క్రింది వానిని సరైన విధిలా జతపరచుము .

- 1 సురభాన వేంకట డ్ష్యాశాశ్ర
- 2 బద్దెన
- 3 త్రిత్యుష్ట వేవరాయలు
- 4 కంఠీకవి వరకణం పంతులు.
5. త్రిత్ర

- సుమతి కతకం
- వేళమంబి మత్తూరి
- మహా ప్రస్థానం
- ఆలంకార కళా
- రాజకేయరవరిత్ర



# Students list.

9

## I B-se All Group.

Sl No	Name of the student	Group	Mark <sup>S.T</sup>	Learning Level
1.	A.V. Murali Krishna		15	Advanced
2.	CH Soujanya.		15	4
3	G. Nagasri.		15	4
4	K. Sivarama Krishna		15	11
5	K. Vamsi		14	11
6	K. Vasantha.		15	11
7	N. Jenifa.		14	11
8	P. Navaneetha.		15	11
9	P. Sravanthi.		15	11
10	P. Sunnekhani		15	11
11	R. Jalakumar.		15	11
12	R. Jhansi		14	11
13	R. Divya.		15	11
14	S. Kavya.		15	4
15	Y. Balachandra		13	4
16	CH. Sravanthi.		12	4
17	D. Priya.		12	4
18	G. Vijaya vardhani		11	4
19	G. Rakesh		15	4
20	G. Gayathri.		15	4
21	K. Yuvaraj		10	Average
22	K. Soujanya.		15	Advanced
23	N. Karthik		14	4
24	N. Rajesh		15	4
25	S. Sameera		15	11
26.	T. Padmaja		15	11
27	T. Chandana		15	11
28	B. Amrutha		15	11
29	B. Amulya.		14	11
30	B. Kousalya.		13	11
31	B. Sarendra		14	11

32	C. Mamatha .	14	Advanced
33	G. Buela	14	"
34	K. Venkateswarlu	15	"
35	L. Vinay Kumar	14	"
36	P.L. Prasanna .	15	"
37	T. Madhurima .	15	"
38	N. Thanson babu .	15	"
39	T. Venketeswarlu .	15	"
40	A. Manjula .	15	"
41	B. Sahithi	13	"
42	B. Amrutka .	15	"
43	D. Venkateswarlu .	15	"
44	G. Balakrishna .	14	"
45	G. Teja .	14	"
46	G. Raj Kumar	14	"
47	J. Chinababu .	15	"
48	K. Pranathi .	15	"
49	K. Srilekha .	15	"
50	K. Vijay Kumar .	15	"
51	M. Salomon .	15	"
52	M. ReKesh .	15	"
53	P. Harsha Vardhan	15	"
54	P. Krupakar	15	"
55	P. Venu Gopal	10	"
56	R. Manohar	15	"
57	T. Chaitanya .	15	"
58	T. Kavitha ,	15	"
59	T. Nithish .	15	"
60	V. Maheswari .	15	"

# Bcom (Com)

11

1.	A. Krupa Varma.	14	Advanced
2.	A. Sandeep.	14	4
3.	B. Kumara Swami	15	4
4.	B. Pushpa Lekha	12	4
5.	B. Raju.	10	Average
6.	C. Meghana.	15	4
7.	D. Mahesh baby	10	Average
8.	D. Akilesh Reddy	14	
9.	D. Leela Madan chand	13	
10.	E. Surendra.	10	Average
11.	G. Brahmaaideu.	10	"
12.	G. Saloman Raju.	10	4
13.	G. Manoj Kumar	10	4
14.	G. Balaji.	15	Advanced
15.	G. Pujitha.	14	4
16.	G. Narendra.	10	Average.
17.	G. Naveen	10	Average.
18.	G. Sravani	12	Advanced
19.	J. Antony.	12	4
20.	J. V. Koteshu	15	"
21.	J. Susmitha.	15	"
22.	K. Adarsh.	10	Average.
23.	K. Parvathi.	25	Advanced
24.	K. V. Siva.	12	4
25.	K. Rama Brahma Reddy	11	4
26.	K. Bhargav.	12	"
27.	K. Siva Kumar	15	4
28.	K. Venkatesh.	15	"
29.	K. Sairam.	12	"
30.	K. Vara Prasad.	10	Average.
31.	M. Rajesh.	11	Advanced
32.	M. Kamalamma	14	"



# Bcom (Gen)

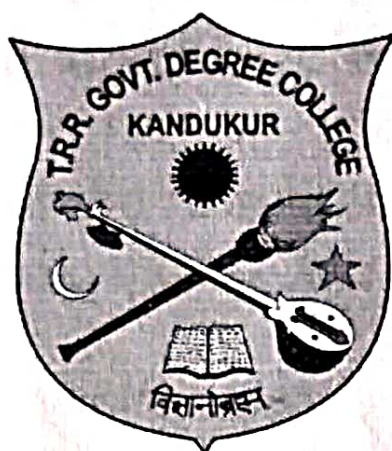
13

Sl No	Name of the student	Group	Marks	Levely.
1.	A. Kishore.	Bcom(G)	10	Average
2	A. Sivakrishna Reddy	"	15	Advanced
3	B. Rakesh.	"	12	"
4	B. Satya Teja.	"	13	"
5	D. Surlarna	"	15	"
6	G. Parvathi.	"	14	"
7	G. Swathi	"	12	"
8	G. Sri Kalyan.	"	11	4
9	K. Sri Kanya.	"	11	"
10	M. Uday Kumar	"	10	Average.
11	N. UPendra.	"	13	Advanced
12	P. Hareesh	"	15	4
13	P. Ganesh	"	14	4
14	R. Madhavi <sup>R</sup>	"	15	4
15	R. Kavya.	"	12	4
16	R. Chambaasha	"	12	"
17	<del>F</del> Balaji	"	10	Average.
18	T. Uday Kiran	"	10	"
19	T. Venkata Ajay.	"	12	Advanced

Sl.No	Name of the Student	Group	S.T Mark	Level
1.	B. Chaithanya.		11	Advanced
2	D. Parani Kumari		12	"
3	CH. Koti		10	Average
4.	CH. Rajesh		10	Average
5.	G. Jayasurya		11	Advanced
6.	N. Mallikarjuna.		15	"
7.	S. Manoj Kumar		13	"
8.	A. Pravallika		13	"
9.	A - Vasu.		12	"
10.	B. Siva		11	"
11.	B. Manoj.		12	"
12.	B. David		10	Average.
13.	B. Praveen		12	Advanced
14	CH. Sankar		11	"
15	CH - Pradeep		12	"
16	CH - Gopi		11	"
17	D. Heman		10	Average
18	D. Dhanjay.		15	Advanced
19	D. Madan Kumar		13	"
20	D. Venka Reddy.		9	Average
21	G. Sivarani Reddy		12	Advanced
22	G. Guru babu.		13	"
23	F. Thashuva		9	"
24	J. Joseph Kumar		14	"
25	K. Hanok		11	"
26	K. Rajendra		13	"
27	K. Naveen		9	Average
28	M. Vengamma.		12	Advanced
29	M. Durga Rao		13	"
30	M. Srinivasthi Raju		14	"
31	P. Naveena		13	"



**TRR GOVERNMENT DEGREE COLLEGE,  
KANDUKUR**



**BRIDGE COURSE - 2021 - 22**

**DEPARTMENT OF COMMERCE**


**TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR  
DEPARTMENT OF COMMERCE**

**RESOLUTION**

Date: 18-11-2021

It is resolved that the department of Commerce is going to organize Bridge course for the Non-Commerce Students who admit in first year B. Com course with respect to CBCS syllabus from on 22-11-2021 to 02-12-2021.

  
Head of the Department

  
Principal

**TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR**  
**DEPARTMENT OF COMMERCE**

**CIRCULAR**

Date: 20-11-2021

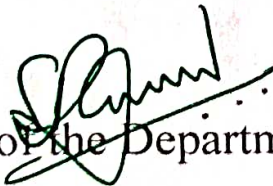
**BRIDGE COURSE ON BASICS OF ACCOUNTING**

All first year B.Com General and computer Applications from non – commerce students such as Arts and Science streams, hereby informed that a Bridge Course on “Basics of Accounting” is scheduled from 22<sup>nd</sup> November to 2<sup>nd</sup> December 2021. The lectures will be scheduled on Commerce Lecturers as per the below schedule

Date	Day	Time
22-11- 2021	Monday	9 to 10 am & 4 to 5 pm
23-11- 2021	Tuesday	9 to 10 am & 4 to 5 pm
24-11- 2021	Wednesday	9 to 10 am & 4 to 5 pm
25-11- 2021	Thursday	9 to 10 am & 4 to 5 pm
26-11- 2021	Friday	9 to 10 am & 4 to 5 pm
27-11- 2021	Saturday	9 to 10 am & 4 to 5 pm
29-11- 2021	Monday	9 to 10 am & 4 to 5 pm
30-11- 2021	Tuesday	9 to 10 am & 4 to 5 pm
01-12- 2021	Wednesday	9 to 10 am & 4 to 5 pm
02-12- 2021	Thursday (Test)	4 to 5 pm

This Bridge Course will help students understand the fundamentals of accounting.

Head of the Department



Principal



**TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR**  
**DEPARTMENT OF COMMERCE**

Students admitted in BCom Programme (CA & G) - 2021-2022

S.No	Role No	Name of the Student	Course Studied Under UG level	Signature of the Student
<b>B Com (Computer Applications)</b>				
1	04	G NARENDRA	HEC	G. Narendren .
2	07	U DATHU KUMAR	HEC	U. Dathu Kumar
3	11	M VARUN SANKAR	MPC	M. Varun Sankar
4	17	K NANDAN KISHOR	MPC	K. Nandan kishor
5	23	T SANJEEVA REDDY	HEC	T. SANJEEVA REDDY
6	24	E SURENDRA	THE	E. Surendra
7	27	G BRAHMA NAIDU	THC	G BRAHMA NAIDU
8	31	G SRAVANI	VOCATIONAL	G. SRAVANI
9	35	K PARVATI	MPC	k. parvati
10	46	B KUMARA SWAMY	VOCATIONAL	B. KUMARA swamy
11	49	A MAHALAKSHMI	VOCATIONAL	A. Mahalakshmi P. Santhosh
12	54	P SANTHOSH KUMAR	Bi PC	P. Santhosh Kumar
13	58	A KRUPAVARMA	VOCATIONAL	A. KrupaVarma.
<b>B Com (General)</b>				
14	12	G PARVATHI	MPC	G. PARVATHI
15	20	SD SAIDA	MPC	SD. SAIDA
16	23	P GANESH	THC	P. Ganesh
17	25	D SUVARNA	HEC	D. SUVARANA
18	27	K MANISH	HEC	k. manish.



# TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR

DEPARTMENT OF COMMERCE

BRIDGE COURSE ON BASICS OF ACCOUNTING

(For first year Students)

Duration: 20 Hours

The department offers a bridge course in Basic Accountancy for non-commerce background students. The main objective of this course is to bring non-commerce students at par with those who had accounts in first year B.com. This will help non-commerce students to have a basic understanding of the accounting concepts before their regular classes begin. This course enables the study of basic accounts and applying them to business theory in general. It aims to provide the accounting foundations necessary for business, and finance. It will help in mastering basic concepts of financial and business accounting.

## SYLLABUS

### **1. Introduction. (4 hours):**

Meaning, Definition, Features, Scope & Objectives of Accounting, Basic Terminology of Accounting.

### **2. Books of Original Entry. (4 hours)**

Journal and Subsidiary books, Ledger and Trial Balance

### **3. Reconciliation Statement. (4 hours)**

Errors and their rectification, Bank Reconciliation Statement.

### **4. Trial Balance and Final Accounts. (4 hours)**

Classification of Capital and Revenue Transactions, Final Accounts with Adjustments and Adjusted Trial Balance.

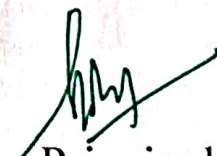
### **5. Depreciation. (4 hours)**

Meaning, Need of Depreciation, Depreciation Methods and Problems Solved.

### **COURSE OUTCOMES:**

1. Introduce basic accounting concepts, conventions and equations.
2. Prepare the students with the non-commerce background to attain proficiency in Accountancy.
3. Develop understanding about the foundations of Debit and Credit rules.
4. Develop analytical and problem-solving skills.
5. Apply fundamental accounting techniques.
6. Interpret the rules of journal, ledger, trail balance and financial statements.
7. Create a strong foundation to apply concepts of accountancy in business.

  
Head of the Department

  
Principal

**STUDNETS' ATTENDANCE- BRIDGE COURSE**  
(from 22 November 2021 to 02 December 2021)

Sl. No.	NAME OF THE CANDIDATE	22/11	23/11	24/11	25/11	26/11	27/11	29/11	30/11	01/12	02/12								
<b>B.Com (Computer Application)</b>																			
1	G NARENDRA	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x
2	U DATHU KUMAR	x	x	a	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	M VARUN SANKAR	x	x	x	x	x	x	a	a	x	x	x	x	x	x	x	x	x	x
4	K NANDAN KISHOR	x	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x
5	T SANJEEVA REDDY	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x
6	E SURENDRA	x	x	x	x	x	x	a	x	x	x	a	x	x	x	x	x	x	x
7	G BRAHMA NAIDU	x	x	x	x	x	x	x	a	a	x	x	x	x	x	x	x	x	x
8	G SRAVANI	x	x	x	x	x	x	x	x	x	x	a	a	x	x	x	x	x	x
9	K PARVATI	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10	B KUMARA SWAMY	x	x	a	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11	A MAHALAKSHMI	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12	P SANTHOSH KUMAR	x	x	a	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x
13	A KRUPAVARMA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
<b>B. Com (General)</b>																			
14	G PARVATHI	x	x	a	x	x	x	a	a	x	x	x	x	x	x	x	x	x	x
15	SD SAIDA	a	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
16	P GANESH	x	x	x	x	a	a	x	x	x	x	x	x	x	x	x	x	x	x
17	D SUVARNA	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x
18	K MANISH	x	x	x	x	x	x	x	x	x	a	a	x	x	x	x	x	x	x

*[Handwritten Signature]*

TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR, PRAKASAM DT  
DEPARTMENT OF COMMERCE  
BRIDGE COURSE  
FUNDAMENTALS OF ACCOUNTING  
QUESTION PAPER

Max Marks: 20M

Date: 02-12-2021

Time: 30mnts

Answer all the following Questions.

1. Which financial statement displays the revenues and expenses of a company for a period of time?  
A. Income Statement      B. Balance Sheet.      [      ]  
C. Cash Flow Statement      D. Statement of Stockholder's Equity
2. What is the main purpose of financial accounting?      [      ]  
A. Organize Financial Information  
B. Provide Useful, Financial Information to Outsiders  
C. Keep Track of Company Expenses  
D. Minimize Company Taxes
3. Which of these is not included as a separate item in the basic accounting equation?  
A. Assets      B. Revenues      C. Liabilities      D. Stockholder's Equity      [      ]
4. Entries to revenues accounts such as Service Revenues are usually  
A. Debit      B. Credit.      [      ]
5. The accrual basis of accounting records revenues when they are:  
A. Collected      B. Earned.      [      ]  
C. Contracted      D. Readily Available for use
6. The account format that displays debits, credits, balances, and headings.  
A. General Journal      B. General Ledger      [      ]  
C. T- Account      D. Ledger Account
7. Asset accounts have what type of balance?  
A. Debit      B. Credit      C. Contra      D. All of the above      [      ]
8. Which account is not a liability account?  
A. Accounts payable      B. Accrued Expenses      [      ]  
C. Cash      D. Notes Payable
9. A \_\_\_\_\_ is used to record a business event as they occur throughout the year.  
A. Journal Entry      B. Ledger      [      ]  
C. Trial Balance      D. Bank Reconciliation Statement

10. The \_\_\_\_\_ summarizes the accounting equation in report format.

- A. Trial Balance      B. Balance Sheet      [      ]  
C. Journal            D. Ledger

11. Profit is equal to:      [      ]

- A. Income minus expenses    B. Receipts minus expenditures  
C. Inflows minus outflows    D. Revenue minus expenses

12. Recognition of Depreciation Expense:      [      ]

- A. Results in a decrease in Income.  
B. Does not decrease Income because it is not a true cash expense  
C. Is required by the matching principle  
D. Both A and C

13. Which financial statement will tell you how profitable a company is?

- A. Income statement.    B. Cash flow statement    [      ]  
C. Balance sheet        D. All of the above

14. Under the accrual method of accounting, expenses are recorded: [      ]

- A. When they are paid.    B. When invoices for expense items are received.  
C. When they are incurred.    D. None of the above

15. True or False: assets are typically recorded on the Balance Sheet at their estimated fair market value.      [      ]

- A. True      B. False

16. Debits and Credits are a part of double-entry bookkeeping? State true or false.

- A. True      B. False      [      ]

17. In accounting, Debit (Dr) means which side of a ledger account?

- A. Left      B. Middle      C. Right      D. Lower    [      ]

18. To increase an Asset, you Debit the account? State true or false.

- A. True      B. False      [      ]

19. Complete the sentence- 'Debit the receiver and credit the \_\_\_\_ [      ]

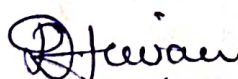
- A. Creditor    B. Giver    C. Debtor    D. Bad debts

20. A periodical bookkeeping worksheet is \_\_\_\_\_.      [      ]

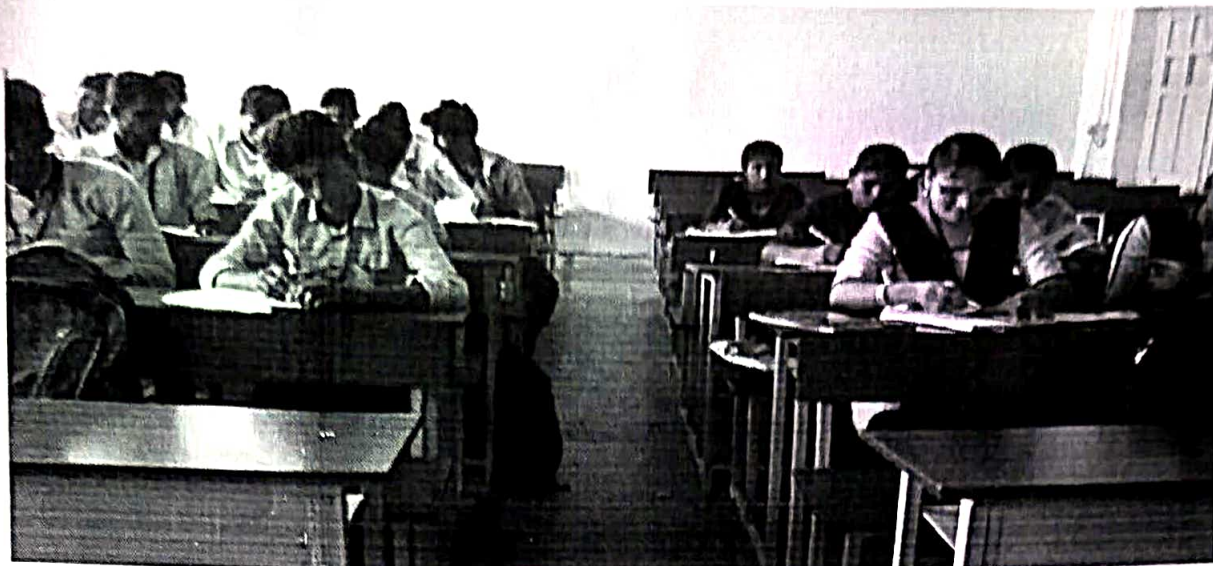
- A. Trial balance                      B. Balance sheet  
C. Single-entry book keeping    D. Profit and Loss Statement

# BRIDGE COURSE ONBASICS OF ACCOUNTING MARKS STATEMENT

S. No	Name of the student	Marks Secured
1	G NARENDRA	19
2	U DATHU KUMAR	20
3	M VARUN SANKAR	20
4	K NANDAN KISHOR	18
5	T SANJEEVA REDDY	19
6	E SURENDRA	19
7	G BRAHMA NAIDU	20
8	G SRAVANI	20
9	K PARVATI	19
10	B KUMARA SWAMY	20
11	A MAHALAKSHMI	18
12	P SANTHOSH KUMAR	19
13	A KRUPAVARMA	20
14	G PARVATHI	19
15	SD SAIDA	19
16	P GANESH	20
17	D SUVARNA	20
18	K MANISH	19

  
Lecturer in charge

  
Head of the Department



STUDENTS ATTENDED FOR BRIDGE COURSE

