# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

# Affiliated to Adikavi Nannaya University

### DEPARTMENT OF COMMERCE

### MID- I EXAM FOR THE ACADEMIC YEAR : 2022-23

### CLASS : I.B.Com(G),SEMESTER - I

### SUBJECT- BUSINESS OGRANIZATION &MANAGEMENT

**Maximum  :  20 Marks**                                              **TIME: 1 Hour**

SECTION  -  A                    1 X 10 = 10 M

**Answer Any ONE question**

1.Write the Merits and Limitations of Planning.

2.What is  Management  ? Write the Objectives of Management.

SECTION  -  B                    2 X 5 = 10 M

**Answer Any TWO  question**

3. Functions of Management

4. Types of Planning

5. Decision Making

# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

## Affiliated to Adikavi Nannaya University

**DEPARTMENT OF COMMERCE**

**MID- I EXAM FOR THE ACADEMIC YEAR : 2022-23**

**CLASS : I.B.Com(G),SEMESTER - II**

**SUBJECT- Banking Theory & Practice**

**Maximum : 20 Marks**                                              **TIME: 1 Hour**

**SECTION - A**                              **1 X 10 = 10 M**

**Answer Any ONE question**

1. **Explain the Role of Reserve Bank in India.**
2. **Explain the functions of Commercial Banks.**

**SECTION - B**                              **2 X 5 = 10 M**

**Answer Any TWO question**

**3.Innovations in Banking System**

**4.Unit Banking**

**5.ATM**

# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

# Affiliated to Adikavi Nannaya University

### DEPARTMENT OF COMMERCE

### MID- I EXAM FOR THE ACADEMIC YEAR : 2023-24

### CLASS : I.B.Com(G),SEMESTER - III

### SUBJECT- INCOME TAX

**Maximum : 20 Marks**                                                                 **TIME: 1 Hour**

**SECTION - A**          **1 X 10 = 10 M**

**Answer Any ONE question**

1.    Smt. Umadevi central Government employee received the following emplouments during the previous year 2022-23. Computer income from salary for the a.y. 2023-24.

1. Basic pay 35,000 p.m.

2. DA 15,800 p.m.

3. Entertainment allowance 6,000 p.a.

4. She received education allowance for her daughter 100 pm

5. She provied the following for her personal and official purpose : Laptop costing Rs. 50,000 and small motor car and employer pays all expenses including driver's salary Rs. 10,500 pm.

6. Her contribution to SPF is 12% of salary and 10% by the employer. Interest credited in PF @ 8•5% is Rs. 3,200.

7. The employer presented gift worth Rs. 11,000/- silver articles.

8. The employer paid club membership fee Rs. 13,800 for the benefit of assessee and her family members.

9. Her payments : profession tax 3,200/-

**2. .List out any 15 important incomes that are exempted from Tax   U/S 1O**

**Answer Any TWO question**

3.Explain the term Income

4. Define the term Assessment year

5.Allowences

# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

# Affiliated to Adikavi Nannaya University

**DEPARTMENT OF COMMERCE**

**MID- I EXAM FOR THE ACADEMIC YEAR : 2023-24**

**CLASS : I.B.Com(G),SEMESTER - IV**

**SUBJECT- Goods Service Tax**

**Maximum  :  20 Marks**                                                      **TIME: 1 Hour**

**SECTION  -  A**                    **1 X 10 = 10 M**

**Answer Any ONE question**

1.What are the Advantages of GST

2.Explain the Single vs Dual GST

**SECTION  -  B**                    **2 X 5 = 10 M**

**Answer Any TWO  question**

3.What is Dual GST  Model

4.GST  Models

5.What is Service Tax

SEMESTER-II  MID- I EXAM FOR THE ACADEMIC YEAR :2022-23

TITLE OF THE PAPER: ORGANIC & GENERAL CHEMISTRY          MAX MARKS-30

TIME-11/2Hrs

## SECTION -A

### Answer any two of the following                    (2X5=10M)

1.Write different conformations of n-butane. Explain their relative stability.

2. What are Hard & soft acids & bases? Explain Pearson concept of HSAB with examples.

3. Define Huckel rule of aromatic compounds.

4. What are benzenoid and non- benzenoid aromatic compounds? Give examples.

## SECTION – B

### Answer ALL the questions. Each question carries TEN marks    ( 2 X 10 = 20 M )

5. (a). i) Write the preparation of alkanes by Wurtz and Corey-House reaction.

 ii) Explain Halogenation of alkanes. Explain the reactivity and selectivity in free radical substitutions.

(OR)

 (b).(i) Explain Baeyer Strain Theory

(ii) Draw the conformations of Cyclohexane and explain their stability by drawing energy profile diagram.

6..(a). (i) Define Hardy-Schulze rule & Gold number.

 (ii) Differentiate Physisorption (Or) Chemisorption. Explain Langmuir adsorption isotherm.

(OR)

 (b). Construct the Molecular Orbital diagram for $O_2$ and NO and explain their bond order and magnetic property.

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   I          MID :   I      EXAM FOR THE ACADEMIC YEAR : 2021-22

TITLE OF THE PAPER : ANIMAL DIVERSITY -BIOLOGY OF NON CHORDATES

TIME : 1 ½  Hrs                                                   Max Marks : 20

## Section A

**Answer all of the following questions                          2x6=12**

1.Polimorphism in Coelenterates

2. Elphidium Life Cycle

## Section B

**Answer all of the following questions                    2x3=6**

1.Coral and Coral Reefs

2. Peripatus

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   I          MID :   II      EXAM FOR THE ACADEMIC YEAR : 2021-22

TITLE OF THE PAPER : ANIMAL DIVERSITY -BIOLOGY OF NON CHORDATES

TIME : 1 ½  Hrs                                                                      Max Marks : 15

## Section A

**Answer any one of the following questions**                         **1x10=10.**

 1. Write the essay on Pearl formation

2. Molluscs General Characters

## Section B

**Answer any one of the following questions**                        **1 x 5 =5**

1.Water vascular system in Starfish

2. Invertebrate larvae

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   II          MID :   I      EXAM FOR THE ACADEMIC YEAR : 2021-22

TITLE OF THE PAPER : ANIMAL DIVERSITY -BIOLOGY OF  CHORDATES

TIME : 1 ½  Hrs                                                          Max Marks : 20

## Section A

**Answer any one  the following questions**                    **1x10=10**

1. Chordates General Characters

2. Migration in Fishes

## Section B

**Answer all of the following questions**                    **2x5=10**

1. Differences between Petromyzon and Myxin

2. Shark Digestive Sytem

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

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# DEPARTMENT OF ZOOLOGY

SEMESTER :  II          MID :  II      EXAM FOR THE ACADEMIC YEAR : 2021-22

TITLE OF THE PAPER : ANIMAL DIVERSITY -BIOLOGY OF  CHORDATES

TIME : 1 ½  Hrs                                                        Max Marks : 15

## Section A

**Answer any one of the following questions                               1x10=10.**

**1. Expalin the Respiratory Organs of Pigeon**

**2. Enumerate general characters of Amphibia**

## Section B

**Answer any one of the following questions                        1 x 5 =5**

**1.Compare the difference between Prototheria ,Meta theria ,and Utheria**

**2. Dentation in Mammals**

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   III          MID :   I       EXAM FOR THE ACADEMIC YEAR : 2021-22

TITLE OF THE PAPER : CELL BIOLOGY ,GENETICS,MOLECULAR BIOLOGY AND EVOLUTION

TIME : 1 ½  Hrs                                                    Max Marks : 20

## Section A

**Answer all of the following questions**                                **2x6=12**

1.Describe the Microscopic structure of a cell

2.Give an account of structure and functions of Mitochondria

## Section B

**Answer any all the following questions**                           **2x4=8**

1. Functions of Plasma Membrane

2.Classification of Chromosomes

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

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# DEPARTMENT OF ZOOLOGY

SEMESTER :   III          MID :   II       EXAM FOR THE ACADEMIC YEAR : 2021-22

TITLE OF THE PAPER : CELL BIOLOGY ,GENETICS,MOLECULAR BIOLOGY AND EVOLUTION

TIME : 1 ½  Hrs                                                                          Max Marks : 15

## Section A

**Answer any one of the following questions**                                                      **1x10=10.**

1.Describe the DNA replication

2.DNA Translation


## Section B

**Answer any one of the following questions**                                    **1 x 5 =5**

1. Write an essay on Modern Synthetic Theory of Evolution

2. Darwinism

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :  IV A          MID :  I      EXAM FOR THE ACADEMIC YEAR : 2021-22

TITLE OF THE PAPER : ANIMAL PHYSIOLOGYCELLULAR METABOLISM AND EMBRYOLOGY

TIME : 1 ½  Hrs                                                        Max Marks : 20

## Section A

**Answer all of the following questions**                                    **4x5=20**

1.Tranport of O2 and CO2

2.Mammal Heart Structure

4.Structure of Neuron

5.Digestion in Mammals

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   IV A          MID :   II      EXAM FOR THE ACADEMIC YEAR : 2021-22

TITLE OF THE PAPER : ANIMAL PHYSIOLOGYCELLULAR METABOLISM AND EMBRYOLOGY

TIME : 1 ½  Hrs                                                                Max Marks : 15

## Section A

Answer any three  of the following questions                           3x5=15

1.What are Carbohydrates, Classify them .

2.Glycogen Metabolism

3.Spermatogenesis

4.Kidney

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

**SEMESTER :   IV B           MID :   I      EXAM FOR THE ACADEMIC YEAR : 2021-22**

**TITLE OF THE PAPER : IMMUNOLOGY AND BIOTECHNOLOGY**

**TIME : 1 ½  Hrs                                                    Max Marks : 20**

## Section A

**Answer all of the following questions                              4x5=20**

**1.Immunity**

**2.Vaccination**

**3.Antigens**

**4.Immunoglobulins**

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   IV  B          MID :   II      EXAM FOR THE ACADEMIC YEAR : 2021-22

TITLE OF THE PAPER : IMMUNOLOGY AND BIOTECHNOLOGY

TIME : 1 ½  Hrs                                                    Max Marks : 15

## Section A

**Answer any three  of the following questions                           3x5=15**

1.MABs

2. Cloning Vector

3.PCR

4.T Cell

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

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# DEPARTMENT OF ZOOLOGY

SEMESTER :   I            MID :   I        EXAM FOR THE ACADEMIC YEAR : 2022-23

**TITLE OF THE PAPER : ANIMAL DIVERSITY -BIOLOGY OF NON CHORDATES**

**TIME : 1 ½  Hrs**                                                                    **Max Marks : 20**

## Section A

**Answer all of the following questions                                    2x6=12**

**1.Polimorphism in Coelenterates**

**2. Elphidium Life Cycle**

## Section B

**Answer all of the following questions                          2x4=8**

**1.Coral and Coral Reefs**

**2. Peripatus**

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

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**SEMESTER :   I          MID :   II     EXAM FOR THE ACADEMIC YEAR : 2022-23**

**TITLE OF THE PAPER : ANIMAL DIVERSITY -BIOLOGY OF NON CHORDATES**

**TIME : 1 ½  Hrs                                                Max Marks : 15**

## Section A

**Answer any one of the following questions                              1x10=10.**

 **1. Write the essay on Pearl formation**

**2. Molluscs General Characters**

## Section B

**Answer any one of the following questions                              1 x 5 =5**

**1.Water vascular system in Starfish**

**2. Invertebrate larvae**

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

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# DEPARTMENT OF ZOOLOGY

SEMESTER :   II          MID :   I      EXAM FOR THE ACADEMIC YEAR : 2022-23

TITLE OF THE PAPER : ANIMAL DIVERSITY -BIOLOGY OF  CHORDATES

TIME : 1 ½  Hrs                                                    Max Marks : 20

## Section A

**Answer all of the following questions                                2x6=12**

1. Chordates General Characters

2. Migration in Fishes


## Section B

**Answer all of the following questions**

1. Classification of Fishes

2. Amphibia

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

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# DEPARTMENT OF ZOOLOGY

SEMESTER :   II          MID :   II      EXAM FOR THE ACADEMIC YEAR : 2022-23

TITLE OF THE PAPER : ANIMAL DIVERSITY -BIOLOGY OF  CHORDATES

TIME : 1 ½  Hrs                                                         Max Marks : 15

## Section A

**Answer any one of the following questions                                1x10=10.**

1. Enumerate general characters of Amphibia

2. Pigion Circulatory System

## Section B

**Answer any one of the following questions                         1 x 5 =5**

1.Compare the difference between Prototheria ,Meta theria ,and Utheria

2. Dentation in Mammals

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   III          MID :   I      EXAM FOR THE ACADEMIC YEAR : 2022-23

TITLE OF THE PAPER : CELL BIOLOGY ,GENETICS,MOLECULAR BIOLOGY AND EVOLUTION

TIME : 1 ½  Hrs                                                          Max Marks : 20

## Section A

**Answer all of the following questions                             2x6=12**

1.Describe the Microscopic structure of a cell

2.Give an account of structure and functions of Mitochondria

## Section B

**Answer any all the following questions                             2x4=8**

1. Functions of Plasma Membrane

2.Classification of Chromosomes

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   III          MID :   II      EXAM FOR THE ACADEMIC YEAR : 2022-23

TITLE OF THE PAPER : CELL BIOLOGY ,GENETICS,MOLECULAR BIOLOGY AND EVOLUTION

TIME : 1 ½  Hrs                                                      Max Marks : 15

## Section A

**Answer any one of the following questions**                                     **1x10=10.**

1.Describe the DNA replication

2.DNA Translation

## Section B

**Answer any one of the following questions**                          **1 x 5 =5**

1. Write an essay on Modern Synthetic Theory of Evolution

2. Darwinism

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   IV A          MID :   I        EXAM FOR THE ACADEMIC YEAR : 2022-23

TITLE OF THE PAPER : ANIMAL PHYSIOLOGYCELLULAR METABOLISM AND EMBRYOLOGY

TIME : 1 ½  Hrs                                                                 Max Marks : 20

## Section A

**Answer all of the following questions**                                    **4x5=20**

**1.Carbohydrates metabolism**

**2.Protein metabolism**

**4.Fertilization**

**5.Oogenesis**

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   IV A               MID :   II        EXAM FOR THE ACADEMIC YEAR : 2022-23

TITLE OF THE PAPER : ANIMAL PHYSIOLOGYCELLULAR METABOLISM AND EMBRYOLOGY

TIME : 1 ½  Hrs                                                                          Max Marks : 15

## Section A

**Answer any three  of the following questions                          3x5=15**

1.Carbohydrates Digestion

2.Circulation

1.Nerve impulse transmission

2.Kidney

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   IV B              MID :   I        EXAM FOR THE ACADEMIC YEAR : 2022-23

TITLE OF THE PAPER : IMMUNOLOGY AND BIOTECHNOLOGY

TIME : 1 ½  Hrs                                                              Max Marks : 20

## Section A

**Answer all of the following questions                              4x5=20**

1.MABs

2.Cloning vectors

3.PCR

4.Trangenisis

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   IV  B          MID :   II       EXAM FOR THE ACADEMIC YEAR : 2022-23

TITLE OF THE PAPER : IMMUNOLOGY AND BIOTECHNOLOGY

TIME : 1 ½  Hrs                                                        Max Marks : 15

## Section A

**Answer any two of the following questions**

1.Innate and adaptive immunity

2. MHC

3.Antigen

4.T Cell

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   V A          MID :   I      EXAM FOR THE ACADEMIC YEAR : 2022-23

TITLE OF THE PAPER : SUSTAINABLE AQUA CULTURE MANAGEMENT

TIME : 1 ½  Hrs                                                                Max Marks : 20

## Section A

**Answer any two of the following questions                              2x6=12**

1.Present Status of Aquaculture

2.Nursary pond Management

## Section B

**Answer any two of the following questions                         2x4=8**

1. Culture of Brackish  water aqua culture

2. Water quality

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   V A          MID :   II      EXAM FOR THE ACADEMIC YEAR : 2022-23

TITLE OF THE PAPER : SUSTAINABLE AQUA CULTURE MANAGEMENT

TIME : 1 ½  Hrs                                                              Max Marks : 15

## Section A

**Answer any one of the following questions                                      1x10=10.**

1. Macrobachium rosenbergi  Culture  and management

2. P. Vanamei


## Section B

**Answer any one of the following questions                             1 x 5 =5**

1. Hypophisation

2. Fish Culture

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   V B            MID :   I       EXAM FOR THE ACADEMIC YEAR : 2022-23

TITLE OF THE PAPER : POST HARVEST TECHNOLOGY OF FISH AND FISHERIES

TIME : 1 ½  Hrs                                                         Max Marks : 20

## Section A

**Answer any two of the following questions**                          **2x6=12**

1.Write an essay on principles of Preservation

2.Describe the traditional methods of Fish Preservation


## Section B

**Answer any two of the following questions**                          **2x4=8**

1.Spoilage of Fish

2.Canning

# SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM

# (Affiliated to Adikavi Nannaya  University )

# DEPARTMENT OF ZOOLOGY

SEMESTER :   V B          MID :   II     EXAM FOR THE ACADEMIC YEAR : 2022-23

TITLE OF THE PAPER : POST HARVEST TECHNOLOGY OF FISH AND FISHERIES

TIME : 1 ½  Hrs                                                          Max Marks : 15

## Section A

**Answer any one of the following questions**                                    **1x10=10.**

1.Explain the importance of sanitation in fish processing plants

2.Quality Assurance

## Section B

**Answer any one of the following questions**                              **1 x 5 =5**

1. Write an essay on national and international standards in quality assurance

2. Quality Control

SECTION A

(Answer any one question. Each question carries 10 marks

**Answer any one of the following**                                    (1X10=10M)

1.Explain the Relations Between the Political Science and Economics.

(OR)

2.Explain the Classification of the Rights.

SECTION B

(Answer all questions. Each question carries 5 marks                    ( 2 X 5 = 10 M )

3.Social Contract Theory

(OR)

4.Define sources of the Law

5.Discuss the Individualism.

(OR)

6.Explain about the Socialism.

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-I   MID- II EXAM FOR THE ACADEMIC YEAR :2021-22          Max. Marks: 15

TITLE OF THE PAPER:  **Introduction To Political Science**          Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

1.Define state and explain its Features.                              (1X10=10M)

(OR)

2.Critecally Examine the Rosseau Social Contract Theory.

SECTION B

(Answer all questions. Each question carries 5 marks                    ( 1 X 5 = 5 M )

3.Types of Equality

(OR)

4.Concept of Liberalism

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-II  MID- I EXAM FOR THE ACADEMIC YEAR :2021-22          Max. Marks: 20

TITLE OF THE PAPER**: Basic Organs of the Government**                    Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

**Answer any one of the following**                                                    (1X10=10M)

1.Explain the Origin and Evolution of the Constitution.

(OR)

2.Write about the theory Separation of Powers.

SECTION B

(Answer all questions. Each question carries 5 marks                    ( 2 X 5 = 10 M )

3.Define the Constitution

(OR)

4.Unitary form of the Government

5.Explain the Bicameral System.

(OR)

6.Merits of the Parliamentary Government.

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-II   MID- II EXAM FOR THE ACADEMIC YEAR :2021-22          Max. Marks: 15

TITLE OF THE PAPER: **Basic Organs of the Government**          Time: 1 hrs


SECTION A

(Answer any one question. Each question carries 10 marks


1.Explain the Judiciary Powers.                                    (1X10=10M)

(OR)

2.Functions of Regional Parties.


SECTION B


(Answer all questions. Each question carries 5 marks          ( 1 X 5 = 5 M )

3.Pressure Groups

(OR)

4.Separation of Powers.

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-III MID- I EXAM FOR THE ACADEMIC YEAR :2021-22          Max. Marks: 20

TITLE OF THE PAPER**: Indian Government and Politics**          Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

**Answer any one of the following**          (1X10=10M)

1.Write about the 1935 Act.

(OR)

2.Explain the salient features of the Indian Constitution.

SECTION B

(Answer all questions. Each question carries 5 marks          ( 2 X 5 = 10 M )

3.Explain the Nature of the Constituent Assembly

(OR)

4.Explain about the functions of the Parliaraliment

5.Write about Coalition Politics.

(OR)

6.Explain the Judicial Activism.

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-III   MID- II EXAM FOR THE ACADEMIC YEAR :2021-22          Max. Marks: 15

TITLE OF THE PAPER: **Indian Government and Politics**                              Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

1.Explain about the Fundamental Rights.                                      (1X10=10M)

(OR)

2.Explain about the functions of the Parliament.

SECTION B

(Answer all questions. Each question carries 5 marks                    ( 1 X 5 = 5 M )

3.Write about the Governor.

(OR)

4.Basic structure of the Indian Constitution.

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-IV. MID- I EXAM FOR THE ACADEMIC YEAR :2021-22          Max. Marks: 20

TITLE OF THE PAPER: **Indian Political Process**                                Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

**Answer any one of the following**                                          (1X10=10M)

1.Explain the Centre -State Relations.

(OR)

2.Analyse the functions of the Election Comission.

SECTION B

(Answer all questions. Each question carries 5 marks                    ( 2 X 5 = 10 M )

3.M.M Punchi Comission

(OR)

4.73rd Constitutional Amendment.

5.STRUCTURE OF Urban Government.

(OR)

6.Explain the NITI AYOG.

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-IV.    MID- II EXAM FOR THE ACADEMIC YEAR :2021-22        Max. Marks: 15

TITLE OF THE PAPER: **Indian Political Process**                                              Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

1.Explain about the 74$^{th}$ Constitutional Amendment.                              (1X10=10M)

(OR)

2.Explain the role of Caste system in India.

SECTION B

(Answer all questions. Each question carries 5 marks                        ( 1 X 5 = 5 M )

3.Central Information Commission.

(OR)

4.Election reforms in India.

SEMESTER-IV  MID- I EXAM FOR THE ACADEMIC YEAR :2021-22          Max. Marks: 20

TITLE OF THE PAPER **Western Political Thought**          Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

**Answer any one of the following**          (1X10=10M)

1.Write about the Hobbes Social Contract theory.

(OR)

2.Explain about the theory of the Marxism.

SECTION B

(Answer all questions. Each question carries 5 marks          ( 2 X 5 = 10 M )

3.Theory of Justice

(OR)

4.Lack Natural Rights.

5.Write about the Class Struggle.

(OR)

Write about the Plato ideal state.

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-IV    MID- II EXAM FOR THE ACADEMIC YEAR :2021-22        Max. Marks: 15

TITLE OF THE PAPER: **Western Political Thought**                         Time: 1 hrs


SECTION A

(Answer any one question. Each question carries 10 marks


1.Explain about the Social Contract theory.                              (1X10=10M)

(OR)

2.Explain about the classification of the Governments.


SECTION B


 (Answer all questions. Each question carries 5 marks                    ( 1 X 5 = 5 M )

3.Write about the absolute sovereignty.

(OR)

4.Write about the citizenship.

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-V  MID- I EXAM FOR THE ACADEMIC YEAR :2021-22          Max. Marks: 20

TITLE OF THE PAPER **Office Management**                                                    Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

**Answer any one of the following**                                                         (1X10=10M)

1.Explain the meaning,nature and importance of the Office..

(OR)

2.Write an Essay on Filing System.

SECTION B

(Answer all questions. Each question carries 5 marks                          ( 2 X 5 = 10 M )

3.Office Structure.

(OR)

4.Office Accommodation.

5.Microfiling.

(OR)

6.Modern filing methods.

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-V    MID- II EXAM FOR THE ACADEMIC YEAR :2021-22          Max. Marks: 15

TITLE OF THE PAPER: **Office Management**                                                      Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

1.Explain about the Micro filing system.                                              (1X10=10M)

(OR)

2.Explain about the Office Environment.

SECTION B

(Answer all questions. Each question carries 5 marks                          ( 1 X 5 = 5 M )

3.Use of IT in office.

(OR)

4.Types of Communication.

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-V  MID- I EXAM FOR THE ACADEMIC YEAR :2021-22          Max. Marks: 20

TITLE OF THE PAPER : **Personal Administration**                                    Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

**Answer any one of the following**                                                    (1X10=10M)

1.Explain the meaning,nature and importance of the Personal Administration.

(OR)

2.Explain about the Union Public Service Commission.

SECTION B

 (Answer all questions. Each question carries 5 marks                          ( 2 X 5 = 10 M )

3.Personal Administrative Officers.

(OR)

4.Promotion.

5.Motivation.

(OR)

6.Employee.

B.A DEGREE EXAMINATION

SEMESTER-V    MID- II EXAM FOR THE ACADEMIC YEAR :2021-22          Max. Marks: 15

TITLE OF THE PAPER: **Personal Administration**                                              Time: 1 hrs

### SECTION A

(Answer any one question. Each question carries 10 marks

1.Critically examine the role of the Bureaucracy in modern state.            (1X10=10M)

(OR)

2.Explain about the various types of the training institutions in India.

### SECTION B

 (Answer all questions. Each question carries 5 marks                          ( 1 X 5 = 5 M )

3.Types of Recruitment.

(OR)

4.UPSC.

# THANK YOU

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-I    MID- I EXAM FOR THE ACADEMIC YEAR :2022-23          Max. Marks: 20

TITLE OF THE PAPER**: Introduction to Political Science**                    Time: 1 hrs


SECTION A

(Answer any one question. Each question carries 10 marks

**Answer any one of the following**                                    (1X10=10M)

1.Explain the Relations Between the Political Science and Economics.

(OR)

2.Explain about the Evolutionary theory.


SECTION B


(Answer all questions. Each question carries 5 marks                 ( 2 X 5 = 10 M )

3.classification of Rights

(OR)

4.Liberalism

5.Behavoural Approach.

(OR)

6.Explain about the Modern state.

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-I   MID- II EXAM FOR THE ACADEMIC YEAR :2022-23          Max. Marks: 15

TITLE OF THE PAPER:  **Introduction To Political Science**          Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

1.Define state and explain its Features.                                    (1X10=10M)

(OR)

2.Explain about the Social Contract Theory.

SECTION B

 (Answer all questions. Each question carries 5 marks                    ( 1 X 5 = 5 M )

3.Theories of Rights

(OR)

4.Marxism

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-II   MID- I EXAM FOR THE ACADEMIC YEAR :2022-23          Max. Marks: 20

TITLE OF THE PAPER**: Basic Organs of the Government**          Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

**Answer any one of the following**                                                    (1X10=10M)

1.Explain the Origin and Evolution of the Constitution.

(OR)

2.Parliamentary form of the Government Merits and Demerits.

SECTION B

(Answer all questions. Each question carries 5 marks                      ( 2 X 5 = 10 M )

3.Separation of the Powers

(OR)

4.Presidential form of the Government

5.Political Parties.

(OR)

6.Pressure Groups.

**SAS GOVERNMENT DEGREE COLLEGE,NARAYANAPURAM**

**DEPARTMENT OF POLITICAL SCIENCE**

B.A DEGREE EXAMINATION

SEMESTER-II   MID- II EXAM FOR THE ACADEMIC YEAR :2021-22          Max. Marks: 15

TITLE OF THE PAPER: **Basic Organs of the Government**          Time: 1 hrs

SECTION A

(Answer any one question. Each question carries 10 marks

1.Explain about the Role of Regional Parties.                              (1X10=10M)

(OR)

2.Explain about the Role of the Parliamentary form of the Government.

SECTION B

(Answer all questions. Each question carries 5 marks          ( 1 X 5 = 5 M )

3.Evolutionary theory.

(OR)

4.Judicial Review.

# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

## Affiliated to Adikavi Nannaya University

### DEPARTMENT OF PHYSICS

### MID- I EXAM FOR THE ACADEMIC YEAR : 2021-22

### CLASS: I B.Sc MPC ,SEMESTER - I

### SUBJECT- Mechanics, Waves & Oscillation

**Maximum  :  20 Marks**                                   **TIME: 1 Hour**

**SECTION  -  A**               **2 X 7.5 = 15 M**

**Answer Any TWO question**

1. Rutherford scattering – Derivation?
2. Write about Variable mass system and Velocity of rocket?
3. Derive the Euler's equations?

**SECTION  -  B**               **2 X 2.5 = 5 M**

**Answer Any TWO question**

4. Write about the concept of impact parameter and scattering cross section?
5. Write about the multistage of rocket?
6. An empty rocket wight 6000 kg and contains 44000 kg fuel, if the exhaust velocity of gases is 1 km/s. find the maximum velocities attained by the rocket?

# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

# Affiliated to Adikavi Nannaya University

### DEPARTMENT OF PHYSICS

### MID- I EXAM FOR THE ACADEMIC YEAR : 2021-22

### CLASS: I B.Sc MPC ,SEMESTER - II

### SUBJECT- Mechanics, Waves & Oscillation

**Maximum : 20 Marks**                                               **TIME: 1 Hour**


**SECTION - A**               **2 X 7.5 = 15 M**

**Answer Any TWO question**


1. **He-Ne Laser? And energy level diagram?**
2. **Einstein coefficient equations – derivations**
3. **Ruby laser – energy level diagram**


**SECTION - B**               **2 X 2.5 = 5 M**

**Answer Any TWO question**


4. **Principles of laser?**
5. **Applications of Laser?**
6. **Write about papulation inversions?**

**SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.**

**Affiliated to Adikavi Nannaya University**

DEPARTMENT OF PHYSICS

MID- I EXAM FOR THE ACADEMIC YEAR : 2022-23

CLASS: II B.Sc MPC ,SEMESTER - III

SUBJECT- Heat & Thermodynamics

Maximum  :  20 Marks                                                                         TIME: 1 Hour

SECTION  -  A                    2 X 7.5 = 15 M

**Answer Any TWO question**

1. Joule – Kelvin – porous plug experiment?
2. Joule – Thomson Cooling effect?
3. Adiabatic Demagnetization?

SECTION  -  B                    2 X 2.5 = 5 M

**Answer Any TWO question**

4. Production of low temperature?
5. Applications of low temperature?
6. Distinguish between joule kelvin, joule Thomson and adiabatic demagnetization?

# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

## Affiliated to Adikavi Nannaya University

### DEPARTMENT OF PHYSICS

### MID- I EXAM FOR THE ACADEMIC YEAR : 2022-23

### CLASS: II B.Sc MPC ,SEMESTER – IV-A

### SUBJECT- Electricity, Magnetism & Electronics

**Maximum : 20 Marks**                                            **TIME: 1 Hour**

**SECTION - A**                    **2 X 7.5 = 15 M**

**Answer Any TWO question**

1. Prove the De morgans theorem?
2. Write about the Half and Full adders with truth tables?
3. Explain the universal gates with truth tables?

**SECTION - B**                    **2 X 2.5 = 5 M**

**Answer Any TWO question**

4. $(126)_{10}$ covert Digital to Binary (---------------)$_2$
5. Write about the AND gate with truth table?
6. Write about the Ex-OR gate?

# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

# Affiliated to Adikavi Nannaya University

### DEPARTMENT OF PHYSICS

### MID- I EXAM FOR THE ACADEMIC YEAR : 2022-23

### CLASS: II B.Sc MPC ,SEMESTER – IV-B

### SUBJECT- Modern Physics

**Maximum : 20 Marks**                                   **TIME: 1 Hour**

### SECTION  -  A                     2 X 7.5 = 15 M

**Answer Any TWO question**

1. Explain the Schrodinger time dependent wave equation ?
2. Explain the Schrodinger time independent wave equations?
3. Explain the 1-D box potentials and find the energy of the free particles?

### SECTION  -  B                     2 X 2.5 = 5 M

**Answer Any TWO question**

4. Properties of wave functions?
5. Explain the eigen values and eigen functions?
6. Physical significance of wave properties?

# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

## Affiliated to Adikavi Nannaya University

**DEPARTMENT OF PHYSICS**

**MID- I EXAM FOR THE ACADEMIC YEAR : 2022-23**

**CLASS: II B.Sc MPC ,SEMESTER - I**

**SUBJECT- Mechanics, Waves & Oscillation**

Maximum  :  20 Marks                                                                                     TIME: 1 Hour

SECTION  -  A                          2 X 7.5 = 15 M

**Answer Any TWO question**

1. Write about Variable mass system and Velocity of rocket?
2. Derive the Euler's equations?
3. Rutherford scattering – Derivation?

SECTION  -  B                          2 X 5 = 10 M

**Answer Any TWO question**

4. Write about the multistage of rocket?
5. An empty rocket wight 6000 kg and contains 44000 kg fuel, if the exhaust velocity of gases is 1 km/s. find the maximum velocities attained by the rocket?
6. Write about the concept of impact parameter and scattering cross section?

# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

# Affiliated to Adikavi Nannaya University

### DEPARTMENT OF PHYSICS

### MID- I EXAM FOR THE ACADEMIC YEAR : 2022-23

### CLASS: I B.Sc MPC ,SEMESTER - II

### SUBJECT- Wave optics

**Maximum  :  20 Marks**                                                   **TIME: 1 Hour**

SECTION  -  A                    2 X 7.5 = 15 M

**Answer Any TWO question**

1.  **He-Ne Laser? And energy level diagram?**
2.  **Einstein coefficient equations – derivations**
3.  **Ruby laser – energy level diagram**

SECTION  -  B                    2 X 5 = 10 M

**Answer Any TWO question**

4.  **Principles of laser?**
5.  **Applications of Laser?**
6.  **Write about papulation inversions?**

# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

# Affiliated to Adikavi Nannaya University

## DEPARTMENT OF COMMERCE

## MID- I EXAM FOR THE ACADEMIC YEAR : 2021-22

## CLASS : I.B.Com(G),SEMESTER - I

## SUBJECT- BUSINESS OGRANIZATION &MANAGEMENT

Maximum : 20 Marks                                                          TIME: 1 Hour

SECTION - A                    1 X 10 = 10 M

**Answer Any ONE question**

1. What is Management ? Write the Objectives of Management.
2. Write the Merits and Limitations of Planning.

SECTION - B                    2 X 5 = 10 M

**Answer Any TWO question**

3. Characteristics of Management

4. Purpose of Planning

5. Decision Making

# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

## Affiliated to Adikavi Nannaya University

### DEPARTMENT OF COMMERCE

### MID- I EXAM FOR THE ACADEMIC YEAR : 2021-22

### CLASS : I.B.Com(G),SEMESTER - II

### SUBJECT- Banking Theory & Practice

Maximum  :  20 Marks                                             TIME: 1 Hour


SECTION  -  A                      1 X 10 = 10 M


**Answer Any ONE question**


1.   Explain the functions of Reserve Bank
2.   Explain the functions of Commercial Banks


SECTION  -  B                      2 X 5 = 10 M


**Answer Any TWO  question**


3.Branch Banking

4.Unit Banking

5.Banking System in India

**SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.**

**Affiliated to Adikavi Nannaya University**

DEPARTMENT OF COMMERCE

MID- I EXAM FOR THE ACADEMIC YEAR : 2022-23

CLASS : I.B.Com(G),SEMESTER - III

SUBJECT- INCOME TAX

**Maximum : 20 Marks**                                         **TIME: 1 Hour**

**SECTION  -  A**          **1 X 10 = 10 M**

**Answer Any ONE question**

**1.List out any 15 important incomes that are exempted from Tax   U/S 1O**

**2.** Mr. X  furnishes The Following detais Of his Salary income

(A ) Basic salary 1,80,000/-

(B) DA(part of salary)56,000/-

(C)CCA 6000/-

(d) Entertainment allowance 8000/-

(e) Travelling allowance (50%spent)9,000/-

(f)Bonus 10,000/-

(g) Commission 12,000/-

(h) House Rent Allowance (Rent Paid at Chennai 25,000)12,000/-

(i) Free use of chauffeur driven motar car of 1.8 litre cc expenses of which are met by employer.

(j) Gift received in kind from employer 14,000/-

(k)Own/Own Contribution to RPF 18,000/-

(L) Employer contribution to RPF 18,000/-

(M) Interest credited to RPF @ 12% is 7,200/- compute his taxable salary for the assessment year 2023-24.

**SECTION - B**                                        **2 X 5 = 10 M**

**Answer Any TWO question**

3.Explain the term Income

4. Define the term Person

5.Define Salary

# SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.

# Affiliated to Adikavi Nannaya University

**DEPARTMENT OF COMMERCE**

**MID- I EXAM FOR THE ACADEMIC YEAR : 2022-23**

**CLASS : I.B.Com(G),SEMESTER - IV**

**SUBJECT- Goods Service Tax**

**Maximum  :  20 Marks**                                                            **TIME: 1 Hour**

**SECTION  -  A**                      **1 X 10 = 10 M**

**Answer Any ONE question**

1.What are the Advantages of GST

2.Explain the Single vs Dual GST

**SECTION  -  B**                      **2 X 5 = 10 M**

**Answer Any TWO  question**

3.What is Dual GST  Model

4.GST  Rates

5.What is Service Tax

**SAS GOVERNMENT DEGREE COLLEGE-NARAYANAPURAM.**

**Affiliated to Adikavi Nannaya University**

**DEPARTMENT OF COMMERCE**

**MID- I EXAM FOR THE ACADEMIC YEAR : 2023-24**

**CLASS : I.B.Com(G),SEMESTER - V**

**SUBJECT- Management Accounting**

**Maximum  :  20 Marks**                                                                                    **TIME: 1 Hour**
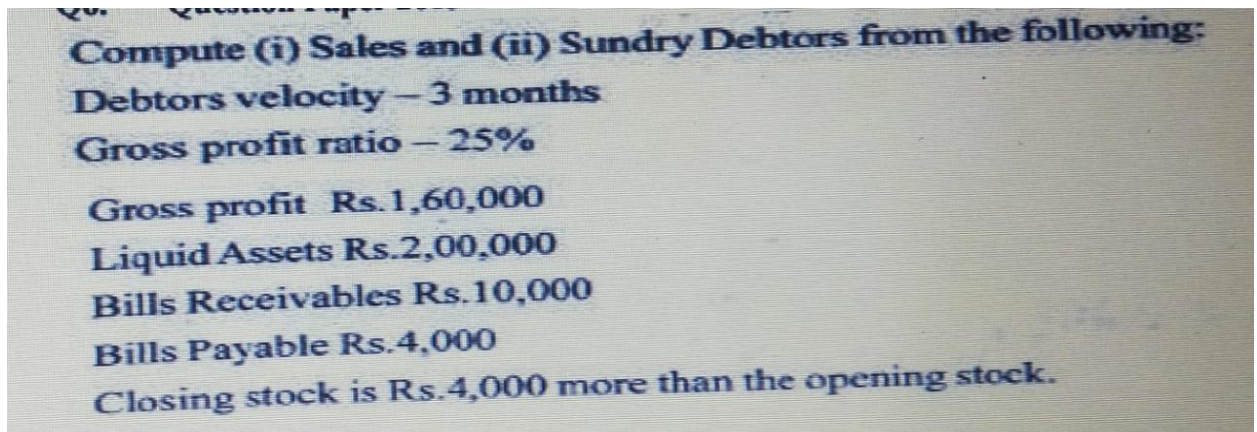
**SECTION  -  A**                       **1 X 10 = 10 M**

**Answer Any ONE question**

1. Write the differences between cost accounting and management accounting.
2.

Compute (i) Sales and (ii) Sundry Debtors from the following:

Debtors velocity – 3 months

Gross profit ratio – 25%

Gross profit  Rs.1,60,000

Liquid Assets Rs.2,00,000

Bills Receivables Rs.10,000

Bills Payable Rs.4,000

Closing stock is Rs.4,000 more than the opening stock.

**SECTION  -  B**                       **2 X 5 = 10 M**

**Answer Any TWO  question**

3.What is Cash Flow Statement.

4.What is meaning of Working Capital.

5.Fund Flow Statement.