

B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
B.SC II SEMESTER (CORE)
FIRST INTERNAL TEST - 2022/2023

Time: 01 Hour

Maximum Marks: 30

SECTION -I

I) Answer any FIVE of the Following

5X2=10Marks

1. Write a structure of Glucose and Galactose.
2. What are Glycoconjugates with example.
3. Name types of Lipids.
4. define Prolactin.
5. Expand FSH and LH.
6. Explain ACTH and its function.

SECTION-II

II) Answer any FIVE of the Following

5X4=20Marks

1. Write a classification of carbohydrates. With example.
2. Write a structural properties of carbohydrates.
3. write a note on structure of Lipids
4. Write a note on Pituitary gland.
5. Explain a Thyroid gland and its functions .
6. Write a note on Pineal gland.

B.L.D.E.ASSOCIATION'S
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B.SC II SEMESTER (CORE)
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S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
B.SC II SEMESTER (OEC)

FIRST INTERNAL TEST - 2022/2023

Time: 01 Hour

Maximum Mark: 30

SECTION-I

1. Answer any FIVE of the Following

5X2=10Marks

- 1 Rhabditiform Larvae
- 2 Elephantiasis
- 3 What is host write types of hosts
- 4 What is commensalism mutualism with example
- 5 Expand RIA
- 6 What is endoparasite ? give an example

SECTION-II

2. Answer any FIVE of the Following

5X4=20Marks

- 1 Give an account on life cycle of Ancylostoma duodenale
- 2 Write a note on morphological life cycle of Ascaris Lumbricoides
- 3 Write a note on adaptation of parasitism in host body
- 4 Write a note on host parasite interaction
- 5 Write a note on ELISA
- 6 What is Leishmania donovani

SECTION-I

3. Answer any FIVE of the Following

5X2=10Marks

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- 2 Elephantiasis
- 3 What is host write types of hosts
- 4 What is commensalism mutualism with example
- 5 Expand RIA
- 6 What is endoparasite ? give an example

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B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
B.SC IV SEMESTER (CORE)
DEPARTMENT OF ZOOLOGY
FIRST INTERNAL TEST - 2022/2023

Time: 01 Hour

Maximum Marks: 30

SECTION -I

I) Answer any **FIVE** of the Following

5X2=10Marks

1. Define cosmid
2. Define pBR 322
3. Expand and define SCID
4. Define Innate immunity
5. Define phagocytosis
6. What are stem cells?

SECTION-II

II) Answer any **FIVE** of the Following

5X4=20Marks

1. Write a note on recombinant DNA technology and its steps.
2. Give a brief account on gene transfer techniques.
3. Write a note on hybridoma technique.
4. Write a note on different types of immunity in detail.
5. What are the differences between antigen and antibody?
- 6 Give a brief account on humoral immunity.

B.L.D.E.ASSOCIATION'S
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B.SC IV SEMESTER (CORE)
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FIRST INTERNAL TEST - 2022/2023

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**B.I.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF ZOOLOGY
B.SC VI SEMESTER (PAPER-I)
FIRST INTERNAL TEST - 2022/2023**

Time: 01 Hour

Maximum Mark: 20

Instructions to candidates

1. Draw neat labeled diagram wherever necessary.
 2. Answer all the questions.
-

I. Answer any TWO of the Following

2X2=4Marks

1. What is Embryo transfer
2. Which hormones secreted by Ovary & Testis
3. Define developmental Biology

II. Answer any FOUR of the Following

4X4=16Marks

4. Write a brief note on ARTS
5. Write a short note on infertility in male and female
6. Write a short note on modern contraceptive devices.
7. What are gonadal hormones? Write a note on gonadal hormones
8. Write a short note on Hypothalamic-pituitary-gonadal axis
9. Write a short note on Development and differentiation of male reproductive organs.

**B.I.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF ZOOLOGY
B.SC VI SEMESTER (PAPER-I)
FIRST INTERNAL TEST - 2022/2023**

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B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
B.SC VI SEMESTER (Paper-II)
FIRST INTERNAL TEST - 2022/2023

Time: 01 Hour

Maximum Marks: 20

SECTION -I

I) Answer any TWO of the Following

2X2=4Marks

- 1 Pneumatophores
- 2 What is zooplanktons and Phytoplanktons ?
- 3 Expand BNHS & CITES

SECTION-II

II) Answer any FOUR of the Following

4X4=16Marks

- 1 Explain the zonation of sea
- 2 Give an Account on Biomes
- 3 Explain the fresh water habitat
- 4 Write a note on causes for depletion of Wild life
- 5 Give an account of Wild life protection act-1972

B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
B.SC VI SEMESTER (Paper-II)
FIRST INTERNAL TEST - 2022/2023

Time: 01 Hour

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S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
B.SC II SEMESTER (CORE)
SECOND INTERNAL TEST - 2022/2023

Time: 01 Hour

Maximum Marks: 30

SECTION -I

I) Answer any FIVE of the Following

5X2=10Marks

1. Define Gluconeogenesis.
2. Define Nucleotides.
3. Define Vitamins.
4. Define Blood clotting.
5. Define Haemopoiesis.
6. Define BP and mention normal range of BP.

SECTION-II

II) Answer any FIVE of the Following

5X4=20Marks

7. Write a schematic representation of Glycolysis pathway and explain about it.
8. Give an account on Citric acid cycle.
9. Explain the biosynthesis of Palmitic acid pathway.
10. Explain the mechanism of Urine formation
11. Write a note on structure of mammalian heart.
12. Explain the ABO blood group system

S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
B.SC II SEMESTER (CORE)
SECOND INTERNAL TEST - 2022/2023

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S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR

DEPARTMENT OF ZOOLOGY

B.SC II SEMESTER (OEC)

SECOND INTERNAL TEST - 2022/2023

Time: 01 Hour

Maximum Marks: 30

SECTION -I

I) Answer any FIVE of the Following

5X2=10Marks

1. Expand CCI
2. Write the role of *Entamoeba histolytica*.
3. Mention prophylaxis of *Fasciolepis buski*.
4. Mention prophylaxis of *Hymenolepis nana* .
5. Give prophylaxis method to prevent *Ascariasis*.
6. Mention the life cycle stages involved in *Ancylostoma duodenale*.

SECTION-II

II) Answer any FIVE of the Following

5X4=20Marks

7. Write a life cycle of *Hymenolepis nana*.
8. What is PCR ? Explain types of PCR.
9. Write a life cycle of *Schistosomous haematobium*.
10. Give an account on life cycle of *Wuchereria Bancrofti*
11. Write a life cycle of *Trichinella spiralis*.
12. Give an account on *Giardia intestinalis*

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DEPARTMENT OF ZOOLOGY

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S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
B.SC IV SEMESTER
DEPARTMENT OF ZOOLOGY
SECOND INTERNAL TEST - 2022/2023

Time: 01 Hour

Maximum Marks: 30

SECTION -I

I). Answer any **FIVE** of the Following

5X2=10 Marks

- 1) BLAST
- 2) FASTA
- 3) CLUSTALW
- 4) Define graft
- 5) What is central tendency?
- 6) What is data summarizing?

SECTION-II

II). Answer any **FIVE** of the Following

5X4=20 Marks

- 7) Mention the types of vaccines and explain any two in detailed.
- 8) Give a brief note on transplantation immunology.
- 9) Mention the scopes and applications of bioinformatics.
- 10) Explain in brief on types of frequency distribution.
- 11) What are the measures of central tendency?
- 12) Give an account on the immunity action against any one disease caused by microorganism.

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B.SC IV SEMESTER
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B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
B.SC VI SEMESTER (PAPER-1)
DEPARTMENT OF ZOOLOGY
SECOND INTERNAL TEST - 2022/2023

Time: 01 Hour

Maximum Marks: 20

SECTION -I

I). Answer any **TWO** of the Following

2X2=04Marks

- 1) What is gestation?
- 2) What are system cell renewals?
- 3) Which are the hormones involved in the process of parturition.

SECTION-II

II). Answer any **FOUR** of the Following

4X4=16Marks

- 4) What is spermatogenesis? Give a brief explanation on it.
- 5) Briefly explain the outline structure of male reproductive system in rat.
- 6) Explain the process of folliculogenesis.
- 7) Briefly explain the process of ovum transport through oviduct.
- 8) Write a short note on hormonal control of implantation.

B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
B.SC VI SEMESTER (PAPER-1)
DEPARTMENT OF ZOOLOGY
SECOND INTERNAL TEST - 2022/2023

Time: 01 Hour

Maximum Marks: 20

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S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
B.SC VI SEMESTER (PAPER-II)
SECOND INTERNAL TEST - 2022/2023

Time: 01 Hour

Maximum Mark: 20

Instructions to candidates

1. Draw neat labeled diagram wherever necessary.
2. Answer all the questions.

SECTION-I

I. Answer any TWO of the Following

2X2=10Marks

1. Define Wallace'S Line
2. Define Continental drift
3. Define Nitrification

SECTION-II

II. Answer any FOUR of the Following

4X4=16Marks

4. Explain on any one Zoogeographical region near to arctic region.
5. Explain on any one Zoogeographical region near to Antartic region.
6. Write a note on effect of Light as of abiotic factor.
7. Give an account on biotic factors and its correlation.
8. Give a schematic representation on Nitrogen cycle and its explanation.

B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
B.SC VI SEMESTER (PAPER-II)
SECOND INTERNAL TEST - 2021/2022

Time: 01 Hour

Maximum Mark: 20

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