



Code Number:

A

Aakash

Medical | IIT-JEE | Foundations

Corp. Office: Aakash Educational Services Limited, 3rd Floor, Incuspaze Campus- 2, Plot No. 13,
Sector- 18, Udyog Vihar, Gurugram, Haryana - 122015

Time: 3 hrs.

Mock Test Paper for Class-XII

Max. Marks: 60

ZOOLOGY

Roll No.

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GENERAL INSTRUCTIONS

Read the following instructions carefully and follow them:

1. The Question paper consists of section **A**, **B**, and **C**
2. Answer all the questions of **Section A**. Answer ANY **SIX** questions out of **eight** in **Section B** and answer **ANY TWO** questions out of **three** "in **Section C**.
3. In **Section A**, questions from Sl. Nos. **1** to **10** are of '**very short answer type**'. Each question carries **TWO** marks. Every answer may be limited to **5** lines. Answer all the questions at one place in the same order.
4. In **Section B**, questions from Sl. Nos. **11** to **18** are of '**short answer type**'. Each question carries **FOUR** marks. Every answer may be limited to **20** lines. Answer any **SIX** questions out of 8 questions..
5. In **Section C**, questions from Sl. Nos. **19** to **21** are of '**long answer type**'. Each question carries **EIGHT** marks. Every answer may be limited to **60** lines. Answer any **TWO** questions out of 3 questions.
6. Draw labelled diagrams, wherever necessary for questions in **Sections B** and **C**.

SECTION - A

I. Answer ALL questions.

10 x 2 = 20

1. What is chyme?
2. "Colostrum is very much essential for the newborn infants". Justify.
3. What is pleiotropy?
4. What are columns of Bertin?
5. Define the terms layer and broiler.
6. What are the functions of Sertoli cells of the seminiferous tubules and Leydig cells in man?
7. What is 'amniocentesis'? Name any two disorders that can be detected by amniocentesis?
8. Define atavism with an example.
9. What is a triad system?
10. What is apiculture?

SECTION - B

II. Answer ANY SIX questions.

6 x 4 = 24

11. Describe the process of digestion of proteins in the stomach.
12. Describe the structure of a synovial joint with the help of a neat labelled diagram
13. Distinguish between homologous and analogous organs with examples.
14. Explain the process of inspiration and expiration under normal conditions.
15. Describe erythroblastosis foetalis
16. Explain the mechanism by which HIV multiplies and leads to AIDS
17. Explain how hypothyroidism and hyperthyroidism can affect the body
18. Describe the surgical methods of contraception.

SECTION - C

III. Answer ANY TWO questions.

2 x 8 = 16

19. Describe the structure of the heart of man with the help of a neat labelled diagram.
20. Describe the female reproductive system of a woman with the help of a labelled diagram.
21. Describe the chromosomal theory of sex determination.

