

0232

Total No. of Question -26
Total No. of Printed Pages-4

Regd.
No.

PART-III
Zoology Paper-II

Time: 3 Hrs

Max Marks:60

Sl.
No.

Section –A

10x2=20

Answer all the questions. Every answer should be restricted to four lines only.

1. What are conchae?
2. Why the arteries are more elastic than the veins?
3. Distinguish between cortical and juxta medullary nephrons
4. What do you know about arborescence?
5. What is insulin shock?
6. What are complement proteins?
7. What is pleiotropy?
8. What are bar bodies?
9. Mention any two advantages of inbreeding.
10. List out any four features of cancer cells.

Section-B

8x5=40

II Answer any six questions. Every answer should be restricted to twenty lines only.

11. How is respiratory movement regulated in man?
12. Describe disorders of the respiratory system.
13. Draw a labeled diagram of the V.S of the kidney.
14. Describe the important steps in muscle contraction.
15. Give an account of the secretions of the pituitary gland.
16. Write a note on the mechanism of action of hormones.
17. Write short notes on B-cells.
18. Describe the microscopic structure of the ovary of a woman.
19. In sex education necessary in schools.
20. Describe the steps involved in DNA fingerprint technology.
21. Discuss in brief about "Avian flu".
22. Write in brief the types of gene therapy.

Section –C

2x8=16

III Answer any two questions. Every answer should be restricted to sixty lines only.

23. Describe the structure of the heart of man with the help of a neat labeled diagram.
24. Give a brief account of the structure and function of the heart of man.
25. Describe the male reproductive system of a man. Draw a labeled diagram of it.
26. What are multiple alleles? Describe multiple alleles with the help of ABO blood groups in man.