

A-4-Z

Roll No.....

Total No. of Questions : 13]

[Total No. of Printed Pages : 3

XIARWZJD21

5704-Z

ZOOLOGY

(BIOLOGY)

Time : 1.15 Hours]

[Maximum Marks : 35

Section-A

1 each

1. Define Metamerism.
2. What do you mean by Coelom ?

Section-B

2 each

3. Briefly explain nuclear pores.
4. Differentiate between Bone and Cartilage.

Or

Write a short note on Areolar Tissue.

XIARWZJD21 – 5704-Z

Turn Over

A-4-Z

5. What is Mimicry ?
6. Explain the term '*Osteoporosis*'.

Section-C

3 each

7. Write down the salient features of phylum *Arthropoda*.
8. What is a Zoological Park ? How is it useful to a scientist ?
9. Differentiate between Prokaryotic and Eukaryotic cells.
10. What are cellular components of blood ?
11. Enumerate the hormones secreted by Pituitary gland.

Or

Write down the points of difference between red and white muscles.

Section-D

5 each

12. Describe various steps in Urine formation.

Or

Draw a well labelled diagram of Human Eye (No description needed).

13. Give a brief account of structure and functions of Endoplasmic Reticulum.

XIARWZJD21-5704-Z

A-4-Z

(3)

Or

What are factors which affect action of enzymes ? Explain Lock and Key model of enzyme activity.

XIARWZJD21 – 5704-Z

A-4-Z