

**C-4-C**

Roll No.....

Total No. of Questions : 13]

[Total No. of Printed Pages : 3

**XIARKD21**  
**5804-C**  
**ZOOLOGY**  
(BIOLOGY)

Time : 1.15 Hours]

[Maximum Marks : 35

**Section-A**

**(Objective Type Questions)**

1 each

1. The functional unit of kidney is .....
2. What is the full form of TSH ?

(Fill up)

**Section-B**

**(Very Short Answer Type Questions)**

2 each

3. Differentiate between ureotelic and uricotelic organisms.
4. Write a short note on Metamerism.

*Or*

Comment on salient features of Echinodermata.

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Turn Over

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5. How are cilia different from flagella ?
6. Briefly explain chondrocytes and osteocytes.

**Section-C**

**(Short Answer Type Questions)**

3 each

7. What are Synovial Joints ? List their functions.
8. Differentiate between Mitosis and Meiosis.
9. What are the modifications observed in birds that help them to fly ?
10. What are the different types of nephridia found in earthworms ? Mention functions of nephridia. <http://www.jkboseonline.com>
11. What is a Zoological Park ? How is it different from a museum ?

*Or*

Define Coelom. Mention the various types of coelom.

**Section-D**

**(Long Answer Type Questions)**

5 each

12. Name the pituitary hormones and mention functions of each hormone.

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( 3 )

*Or*

Describe briefly the mechanism of Urine formation in human kidney.

13. Draw a well labelled diagram of the animal cell as seen under electron microscope.

*Or*

What are Enzymes ? How are enzymes named and classified ?

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