

**Y-26-X**

Roll No. ....

Total No. of Questions : 13 ]

[ Total No. of Printed Pages : 3

**XIARJKUT23**

**9226-X**

**ZOOLOGY**

**(BIOLOGY)**

Time : 1.30 Hours ]

[ Maximum Marks : 35

**Section-A**

**(Objective Type Questions)**

1 each

1. .... is the largest gland in our body. (Fill in the blank)
2. What is the full form of TSH ?

**Section-B**

**(Very Short Answer Type Questions)**

2 each

3. What is a compound eye ?
4. What is meant by closed type of circulatory system ?

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Turn Over

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( 2 )

Or

Give a brief account of phylum platyhelminthes.

5. Enlist the factors which govern the cell shape.
6. Define hyaline cartilage.

### Section-C

(Short Answer Type Questions)

3 each

7. With respect to rib cage, explain the following :
  - (a) Tricephalic ribs
  - (b) True ribs
  - (c) Floating ribs
8. Differentiate between Mitosis and Meiosis (*three differences*).
9. Name different types of Nephridia found in earthworms. What are the functions of nephridia ?
10. Write a short note on feathers of birds.
11. Write a short note on Dachigam National Park.

Or

Define Coelom, Pseudocoelom and Haemocoel.

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**Section-D**

**(Long Answer Type Questions)**

5 each

12. What are the cause, symptoms and treatment of Cretinism and Myxoedema (Gulls disease).

*Or*

Describe the human excretory system with well labelled diagram.

13. Point out the differences between smooth endoplasmic-reticulum and rough endoplasmic reticulum.

*Or*

What are Enzymes ? Describe the properties of enzymes.