

**Y-26-Y**

Roll No. ....

Total No. of Questions : 13]

[ Total No. of Printed Pages : 3

**XIARJKUT23**

**9226-Y**

**ZOOLOGY**

**(BIOLOGY)**

Time : 1.30 Hours ]

[ Maximum Marks : 35

**Section-A**

**(Objective Type Questions)**

1 each

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

**Section-B**

**(Very Short Answer Type Questions)**

2 each

3. Define Exoskeleton.
4. How is wall lizard able to walk over vertical walls and ceilings.

XIARJKUT23-9226-Y

Turn Over

**Y-26-Y**

( 2 )

*Or*

Give a brief account of phylum Porifera.

5. Define endocytosis and exocytosis.
6. How is cartilage different from a bone ?

**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.

XIARJKUT23-9226-Y

**Y-26-Y**

( 3 )

**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.