

Y-26-Z

Roll No.

Total No. of Questions : 13]

[Total No. of Printed Pages : 3

XIARJKUT23

9226-Z

ZOOLOGY

(BIOLOGY)

Time : 1.30 Hours]

[Maximum Marks : 35

Section-A

(Objective Type Questions)

1 each

1. Involuntary muscular movements of alimentary canal are called

(Fill in the blank)

2. What is the full form of MSH ?

Section-B

(Very Short Answer Type Questions)

2 each

3. Write a short note on Metamerism.
4. What is an open type of circulatory system ?

XIARJKUT23-9226-Z

Turn Over

Y-26-Z

Or

- Give a brief account of phylum Echinodermata..
5. Name *three* biologists who were associated with the development of cell theory.
6. Write the *two* differences between tendon and ligament.

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-Z

Y-26-Z

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.