

D-21-B

Roll No.....

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

HSEIRKON17

15321-B

ZOOLOGY

(Biology)

Time : 1 ½ Hours]

[Maximum Marks: 35

(Long Answer Type Questions)

5 each

1. Define asexual reproduction, mention various methods of asexual reproduction. Describe any *three* of them.

Or

Define Spermatogenesis. Explain it with diagrammatic representation.

2. Explain the Inheritance pattern of Haemophilia and colour blindness in human beings.

Or

Describe Darwin's theory of Natural selection.

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Turn Over

(Short Answer Type Questions)

3 each

3. Write a short note on 'MTP'.
4. Explain the mechanism of sex determination in birds.
5. What is Cancer ? Explain the preventive measures of Cancer ?
6. Write a short note on Genetic Engineering.

(Very Short Answer Type Questions)

2 each

7. Explain in brief the term Amniocentesis.
8. What do you mean by Adaptive radiations ?
9. Write down what do you mean by Dairy farming ?
10. Write down the significance of Gene therapy.

(MCQ/Objective Type Questions)

1 each

II. Do as Directed :

- (i) Give the full form of GIFT
- (ii) The cranial capacity of Neanderthal man was 1400 cc
(True/False)
- (iii) Zoological name of silk moth is *Bombyx mori*. (Yes/No)
- (iv) Kelnifetter's syndrome is due toof
chromosome No.
(Fill in the blank)

(v) Which one of the following products of apiculture is used in cosmetics and polishes ?

(a) Honey

(b) Oil

(c) Wax

(d) Royal Jelly

(Choose the correct one)