

Roll No.....

[Total No. of Printed Pages : 3

Total No. of Questions : 11]

XIIRKN16
11022-X
ZOOLOGY
(Biology)

Time : 2 ½ Hours]

[Maximum Marks: 35

(Long Answer Type Questions)

5 each

1. Explain the structure of 'Human Male Reproductive System'. Illustrate your answer with a neat and labelled diagram.

Or

Define Fertilization. Briefly enlist the events that take place during Fertilization.

2. Name the Chromosomal disorders in humans. Explain any *two* of them in detail.

Or

Define Hardy Weinberg's principle. What is its significance ? Add a note on adaptive radiation.

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Turn Over

(Short Answer Type Questions)

3 each

3. What is "Placenta". Write down its main functions.
4. Write a short note on "Ramapithecus".
5. Write down the causes of "Filariasis".
6. What is Cloning ? What is its significance ?

(Very Short Answer Type Questions)

2 each

7. Write two major functions of Testes and Ovary.
8. List down the differences between Homologous and Analogous organs.
9. Write down the symptoms of 'Typhoid'.
10. What do you mean by Recombinant DNA Technology ?

(MCQ/Objective Type Questions)

1 each

11. (i) Expand the terms MTP and STD.
- (ii) Monozygotic twins are of their parents and of each other. (Fill up)
- (iii) "Peripatus" is a connecting link between Annelida and Mollusca whether. (True/False)
- (iv) Write down the scientific name of Silk-worm.

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