

U-4-Y

Roll

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

12th RKDO18

20304-Y

Zoology

(Biology)

Time : 1½ Hours]

[Maximum Marks : 35

(Long Answer Type Questions)

5 each

1. What do you mean by Reproductive Health ? Write down the significance of Reproductive Health in a society.

Or

Describe the sequence of events from Zygote till the implantation of human blastocyst in the Uterus.

2. Explain Founder's effect and Bottleneck effect in brief.

Or

What is DNA-fingerprinting ? Who developed this technique ? Add a short note on principle of DNA-fingerprinting.

Turn Over

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(Short Answer Type Questions)

3. Draw a well labelled diagram of microscopic anatomy of testis. 3 each
4. Explain in brief Down's Syndrome.
5. Write a short note on color blindness in human beings.
6. Write down the causes of Filariasis.

(Very Short Answer Type Questions)

7. Define the terms Spermatogenesis and Oogenesis. 2 each
8. What is the significance of Vaccines ?
9. What do you mean by "DNA Recombinant Technology" ?
10. What is the significance of "Human Insulin" ?

(Objective Type Questions/MCQ)

1 each

11. Do as directed :

(i) Expand the term MTP and GIFT.

(ii) "Charles Darwin" proposed the concept of :

(a) Modern synthetic theory

(b) Human Genome Project

(c) Origin of Species

(d) None of these

(Choose the correct one)

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