

G-56

Roll No.....

Total No. of Questions : 11)

[Total No. of Printed Pages : 2

HS2PKJ13

69020-Q

ZOOLOGY

(Biology)

Time : 1½ Hours + 15 Minutes extra to read the question paper]

[Maximum Marks : 35

Section 'A'

(Long Answer Type Questions)

1. What is Asexual Reproduction ? List various methods and describe any two with suitable examples and diagrams.

Or

Enumerate different birth control measures and describe any three.

2. Describe Turner's syndrome and Klinefelters syndrome in detail.

Or

What are Sex Chromosomes ? Describe the mechanisms of sex determination in human.

Section 'B'

(Short Answer Type Questions)

3. What is Placenta ? What are its various functions ? 3
4. List various application of Human Genome Project. 3
5. Name the pathogen that causes amoebiasis in human. Give symptoms and mode of transmission of this disease. 3
6. Write short note on gene therapy. 3

Turn Over

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Section 'C'

(Very Short Answer Type Questions)

8. What are Leydig's cells ? 2
9. What are Vaccines ? 2
9. Explain amniocentesis in brief. 2
10. What are Gene Mutation and Natural Selection ? 2

Section 'D'

(Objective Type Questions)

11. Do as directed :
- (i) Sickle celled anaemia is due to :
(a) A virus
(b) Iron deficiency
(c) Genetic disorder
(d) Haemoglobin deficiency (Choose the correct one) 1
- (ii) Darwin's theory does not include struggle for existence. (Say Yes or No) 1
- (iii) Expand the term AIDS. 1
- (iv) Pebrine is a disease of..... (Fill in the blank) 1
- (v) A method of birth control is GIFT, HJF, IVFET, IUDs. 1