

B-4-Y

Roll No.

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

XIIBASZNJD20

1804-Y

ZOOLOGY

(Biology)

Time : 1½ Hours]

[Maximum Marks : 35

(Long Answer Type Questions)

5 each

1. What do you mean by Birth Control ? Describe in brief *four* methods to control growing population in our country.

Or

What is Reproduction ? Explain any *three* methods of asexual reproduction with diagram.

2. Explain the inheritance pattern of Haemophilia and Colour Blindness.

Or

What is Evolution ? Explain Darwin's theory of natural selection.

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Turn Over

B-4-Y

(Short Answer Type Questions)

3 each

3. Differentiate between fragmentation and budding.
4. Explain the mechanism of sex-determination in birds. –
5. What is AIDS ? Give the preventive measures of AIDS.
6. Explain in brief the application of Human Insulin.

(Very Short Answer Type Questions)

2 each

7. Give the role of Placenta.
8. What do you mean by Homologous Organs ?
9. What are Pathogens ? Give *one* example.
10. Define Gene therapy. Give its significance.

(MCQ/Objective Type Questions)

1 each

11. Do as directed :

(i) The ovum released from ovary is first conducted by :

- (A) Vagina
- (B) Cervical canal
- (C) Uterus
- (D) Fallopian tube

(Choose the correct one)

- (ii) Alcohol is depressant/stimulus. (Choose the correct one)
- (iii) Give scientific name of Silk moth.
- (iv) The cranial capacity of Homo-erectus was 800-1100 cc.
(Yes/No)
- (v) Which process is used to identify crime ?