

A-4-B

Roll No.....

[Total No. of Printed Pages : 3]

Total No. of Questions : 14]

12thSZARJD22

6004-B

ZOOLOGY

(Biology)

Time : 1.15 Hours]

[Maximum Marks : 35

Section-A

(Objective/MCQ/Do as directed)

1 each

1. Process of fusion of haploid cells is :

(A) Cell cycle

(B) Meiosis

(C) Mitosis

(D) Syngamy

(Choose the correct one)

2. Name the causative organism of Malaria.

3. Scientist responsible for creating Dolly sheep is :

(A) Ian Wilmut

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Turn Over

(2)

- (B) Fleming
- (C) Koch
- (D) Waksman

(Choose the correct one)

4. Expand the term SCID.

Section-B

(Very Short Answer Type Questions)

2 each

- 5. What do you mean by Foetal ejection reflex ?
- 6. Write a short note on adaptive radiation.
- 7. Write a short note on colour blindness.

Or

How sex is determined in Birds ?

Section-C

(Short Answer Type Questions)

3 each

- 8. With the help of a diagram explain the microscopic anatomy of testis.
- 9. Explain in brief Hardy Weinberg's principle.
- 10. Write down the points of difference between specific and non-specific immunity.
- 11. Write down the symptoms of HIV infection and the test used to diagnose HIV.

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(3)

12. Write down the applications of gene therapy.

Or

Write a short note on Cloning.

Section--D

(Long Answer Type Questions)

5 each

13. Define Fertilization. Write a short note on sequence of events in embryo development upto Blastocyst formation.

Or

Describe in brief hormonal control of menstrual cycle in females.

14. Explain in brief modern synthetic theory of evolution.

Or

What do you mean by Evolution ? Add short notes on Ramapithecus and Australopithecus.

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