

B-4-A

Roll No.....

Total No. of Questions : 14]

[Total No. of Printed Pages : 3

XIIKDAR21

5004-A

ZOOLOGY

(Biology)

Time : 1½ Hours]

[Maximum Marks : 35

Section-A

(Objective Type Questions)

1 each

1. The Asexual reproduction is also called 'Somatogenic reproduction'.

(Yes/No)

2. Which of the following methods of sex-determination operates in Butterflies and Moths ?

(A) ZW - ZZ type

~~(B)~~ XX - XO type

(C) ZO - ZZ type

(D) None of these

(Choose the correct one)

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Turn Over

B-4-A

3. Recovery of product, its refining and processing is called
processing. (Fill-up)
4. 'Dolly' is not a 'GMO'. (True/False)

Section-B

(Very Short Answer Type Questions)

2 each

5. What do you mean by Assisted reproductive technologies ?
6. What do you mean by 'Cell mediated immunity' ?
7. Name the causative organism of 'Typhoid'. Which test is prescribed for detection of Typhoid.

Or

Write down the significance of Dairy farming.

Section-C

(Short Answer Type Questions)

3 each

8. Write a short note on prevention of STD's (Sexually Transmitted Diseases).
9. Write a short note on 'Australopithecus'.
10. Write down the significance of Modern Synthetic Theory of Evolution.

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11. Define Sericulture. Write down the economic importance of Silk-worm.
12. Define Cloning. Support your answer with examples.

Or

What is Gene therapy ? Write down its significance.

Section-D

(Long Answer Type Questions)

5 each

13. Define Fertilization. Enlist the events upto the development of Blastocyst.

Or

Explain in brief the need for Reproductive health. Also add a note on MTP (Medical Termination of Pregnancy).

14. Define DNA fingerprinting. Write down in brief the applications of DNA fingerprinting.

Or

Why is human genome project called a Mega project ? Write down its future implications.

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