

D-4-C

Roll No.

Total No. of Questions : 14]

[Total No. of Printed Pages : 3

XIIARKDN20

2004-C

ZOOLOGY

(Biology)

Time : 1½ Hours]

[Maximum Marks : 35

Section-A

(Objective Type Questions)

1 each

Note :- Do as directed.

1. Degenerated corpus luteum is called

(Fill in the blank)

2. Fins and Flippers are homologous organs.

(True/False)

3. Opiates and Heroin are obtained from :

(A) Thea

(B) Cannabis

(C) Papaver

(D) Theobroma

(Choose the correct one)

XIIARKDN20-2004-C

D-4-C

Turn Over

(2)

4. Name the process which involves recovery of product, its refining and processing.

Section-B

(Very Short Answer Type Questions)

2 each

5. What do you mean by 'MTP' ?
6. How Pro-insulin is converted to Insulin ?
7. What do you mean by 'Vaccine Production' ?

Or

Mention the tools used in Genetic Engineering.

Section-C

(Short Answer Type Questions)

3 each

8. Define Asexual Reproduction. Explain any *three* types of Asexual reproduction in brief.
9. Write down the goals of Human Genome Project.
10. Write down at least *three* differences between Turner's and Klinefelter's syndrome.
11. Write down symptoms and preventive measures of Amoebiasis.

XIIARKDN20-2004-C

D-4-C

(3)

12. How does tobacco smoking lead to oxygen deficiency ?

Or

Write down the points of difference between Innate and Acquired Immunity.

Section-D

(Long Answer Type Questions)

5 each

13. What are assisted reproductive techniques practised to help infertile couples ? Describe any *two* of them in brief. \simeq

Or

What are Contraceptives ? Explain in brief mode of action, advantages and disadvantages of hormonal contraceptives.

14. What do you mean by Sex-Determination ? Explain in brief various methods of sex-determination in animals.

Or

What do you mean by Genetic Disorders ? Describe any *two* of them.

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