



SHRI KRISHNA ACADEMY

NEET, JEE AND BOARD EXAM(10, +1, +2) COACHING
CENTRE, EDUCATIONAL CONSULTANCY,
SBM SCHOOL CAMPUS, TRICHY MAIN ROAD, NAMAKKAL
CELL: 99655-31727, 94432-31727

Class: XII

Marks : 35

Subject: Bio-Zoology

HALF YEARLY EXAMINATION-2020

Time : 1.15 hr.

I. CHOOSE THE CORRECT ANSWER :

8x1 = 8

1. Choose the Incorrect pair:

- a) Azospermia - The failure of spermatogenesis
- b) Orchidectomy - Surgical removal of ovum
- c) Spermarche - The first ejaculation of the semen
- d) Cryptorchism - The failure of testes to descend down into the scrotal sacs

2. Which one of the following groups includes sexually transmitted diseases caused by bacteria only?

- (a) Syphilis, gonorrhoea and candidiasis
- (b) Syphilis, chlamydiasis and gonorrhoea
- (c) Syphilis, gonorrhoea and trichomoniasis
- (d) Syphilis, trichomoniasis and pediculosis

3. Match the following:

- A) XXY-Male - (i) Turner's syndrome
 - B) XO -Female - (ii) Down's syndrome
 - C) 13-Trisomy - (iii) Klinefelter's syndrome
 - D) 21-Trisomy - (iv) Patau's syndrome
- (a) A-(iii),B-(ii),C-(iv),D-(i) (b) A-(iv),B-(i),C-(ii),D-(iii)
- (c) A-(iii),B-(i),C-(iv),D-(ii) (d) A-(iii),B-(i),C-(ii),D-(iv)

4. Choose the correct pair :

- a) SCID - ADH deficiency
- b) Natural protein adhesive - Fill cavities in teeth
- c) Nobel laureate for ELISA - French Anderson
- d) Taq DNA polymerase - Primer copying double stranded template DNA

5. The sporozoites of *Plasmodium vivax* are formed from -----

- a) Gametocytes
- b) Sporoblasts
- c) Oocysts
- d) Spores

6. Which of the following is an r-species?

- a) Human
- b) Insects
- c) Rhinoceros
- d) Whale

7. Assertion: Mesozoic era is called as golden age of reptiles.

Reason: Dominance of reptiles.

- A. A and R are true, R is correct explanation of A
- B. A and R are true, R is not the correct explanation of A
- C. A is true, R is false
- D. Both A and R are false

8. The organization which published the red list of species is
a) WWF b) IUCN c) ZSI d) UNEP

II. ANSWER THE FOLLOWING QUESTIONS: (any four)

4 X 2 = 8

9. How is polyspermy avoided in humans?
10. Differentiate relative and absolute dating.
11. List the common withdrawal symptoms of drugs and alcohol abuse.
12. What is gene knock out?
13. Define Hotspots.
14. Which type of reproduction is effective - Sexual or asexual? Why?

III. ANSWER THE FOLLOWING QUESTIONS: (any three) (Q.No.19 Compulsory)

3 X 3 = 9

15. Write notes on lactational amenorrhoea?
16. Mention the salient features of genetic code.
17. Describe the microbial fuel cells with diagram.
18. What are the disadvantages of cloning?
19. Explain Growth Models/Curves with diagram?

IV. ANSWER IN DETAIL:

2 x 5 = 10

20. a) Explain the human male reproductive system with diagram.
(OR)
b) Write notes on maintenance of personal and public hygiene
21. a) Describe the haemophilia and colour blindness.
(OR)
b) Briefly explain the process of sewage treatment.



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