

*** COMMON QUARTERLY EXAM- 2024**
Standard - XII

Time : 3.00 hrs

ZOOLOGY

Marks: 70

Section - A

Note: i) Answer all the questions. ii) Choose the most appropriate answer from the given four alternatives and write the option code and the corresponding answer:-

15×1=15

- 1) The type of regeneration seen in hydra and planaria
a) Reparative b) Restorative c) Morphallaxis d) Epimorphosis
- 2) The enzyme which coagulates seminal fluid
a) hyaluronidase b) Vesiculase c) lipase d) ligase
- 3) Assertion (A): Head of the sperm consists of acrosome and mitochondria
Reason(R): Acrosome contains spiral rows of mitochondria
a) A and R are true, R is the 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
- 4) Match the following and find out the correct answers
A) Genital herpes - i) Hepatitis B Virus
B) Genital warts - ii) Human immunodeficiency virus
C) Hepatitis - B - iii) Human papilloma virus
D) AIDS - iv) Herpes Simplex virus
a) A-iv, B-ii, C-i, D-iii b) A-iii, B-iv, C-i, D-ii
c) A-iii, B-ii, C-i, D-iv d) A-ii, B-i, C-iii, D-iv
- 5) A marriage between a colourblind man and a normal woman produces
a) All carrier daughters and normal sons
b) 50% carrier daughters and 50% normal daughters
c) 50% colourblind sons and 50% normal sons
d) All carrier offsprings.
- 6) Hershey and chase experiment with bacteriophage showed that
a) Protein gets into the bacterial cells b) DNA is the genetic material
c) DNA contains radioactive sulphur d) Viruses undergo transformation
- 7) The first codon to be deciphered was _____ which codes for _____
a) AAA, proline b) GGG, alanine c) UUU, Phenylalanine d) TTT, arginine
- 8) Who proposed the Germplasm theory
a) Darwin b) August weismann c) Lamarck d) Alfred wallace
- 9) Which of the following enables us to understand the nature of diet of pre-historic animals
a) moulds b) casts c) Coprolites d) Petrified fossils
- 10) Choose the correctly matched pair
a) Amphetamines - Stimulant b) LSD - Narcotic
c) Heroin - Psychotropic d) Benzodiazepine - Pain killer
- 11) The sporozoite of the malarial parasite is present in
a) Saliva of infected female Anopheles mosquito
b) RBC of human suffering from malaria
c) Spleen of infected humans
d) Gut of female Anopheles mosquito

