MHT CET 2024 Question Paper
(30 April - Shift 2)

Ques 1. Which enzyme converts trypsinogen into trypsin ?

Ans. Enterokinase

Ques 2. How many DNA copies are produced after five cycles of PCR. (Polymerase Chain Reaction) ?

Ans. 32

Ques 3. Which of the following is function of the hypothalamus?

Ans. Homeostasis

Ques 4. Cerebrospinal fluid uses were given and had to eliminate the wrong one.

Ques 5. Sea anemone and clownfish relation.

Ans. mutualism

Ques 6. Hemodialysis cellophane tube use.

Ans. Historically, cellophane tubes were used in hemodialysis for their semipermeable properties.

Ques 7. Pharynx and larynx statement - based Question.

Ques 8. Repolarisation, depolarisation whole mechanism steps were asked to assemble in an orderly manner.

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Ans. polarization Depolarization Repolarization Resting potent

Ques 9. Which is source of ethylene?

Ans. plants, particularly fruits, Etc

Ques 10. Geitonogamy definition

Ques 11. Spermatogenesis definition.

Ques 12. Statement on definition euploidy and aneuploidy.

Ques 13. Math pair monosomy, nullisomy, trisomy, tetrasomy.

Ques 14. Which is dominant autosomal disorder?

Ques 15. Which is restriction endonuclease.

Ques 16. Early atmosphere which is not found
A Oxygen
B Carbon dioxide
C Nitrogen
D Ammonia

Ans. A

Ques 17. Which are Plants natural inhibitors?

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MHT CET 2024 Answer Key
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Question No.	Answer Key
1	Enterokinase
2	32
3	Homeostasis
4	Elimination of the wrong use
5	Mutualism
6	Historically, cellophane tubes were used in hemodialysis for their semipermeable properties.
7	Pharynx and larynx statement-based question
8	Polarization, Depolarization, Repolarization, Resting potential
9	Plants, particularly fruits, etc
10	Definition not provided
11	The process of sperm cell development
12	Euploidy refers to a cell having a chromosome number that is an exact multiple of the haploid number for the species, while aneuploidy refers to a condition where there is an abnormal number of chromosomes in a cell, either more or fewer than the normal set.
13	Monosomy - one chromosome, Nullisomy - absence of both chromosomes, Trisomy - three chromosomes, Tetrasomy - four chromosomes

14	Huntington's disease
15	Enzyme that cuts DNA at specific recognition nucleotide sequences
16	A - Oxygen
17	Not provided

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