MHT CET 2024 Question Paper (April 29 - Shift 1)

Biology Questions

Ques. Question related to the part of plant which we graft on stock which is rooted plant.

Ques. Question related to pioneer species in aquatic habitat.

Ques. How much heart pulse rate does a person produce in 1 minute?

Ques. Heam in heamoglobin is ?

Ques. How much ATP is produced by aerobic respiration?

Ques.
Statement 1 : Avery, McLeod, and McCarty discovered the semi-conservative nature of DNA.

Statement 2 : Meselson and Stahl used E. coli to demonstrate the semi-conservative nature of DNA.

A. Statement 1 is correct, Statement 2 is incorrect
B. Statement 2 is correct, Statement 1 is incorrect
C. Both statements are correct
D. Both statements are incorrect

Ans. B

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Ques. X chromosome is

A. Metacentric
B. Acrocentric
C. Telocentric
D. Submetacentric

Ans. A

Ques. Thermal Cycler/Stabilizer is used for_____

Ques. What are some archaeological sites where Neanderthal remains and artifacts have been discovered ?

Ques. Which hormone is used to increase the size of fruit?

Ques. _____can't be further hydrolysed.

Ques. Question related to Cloning and Fragmentation.

Ques. Which of the following uses plasma membrane for respiration ?

Ques. 0.16 seconds is a time interval for which in the ECG System?

Ques. Question related to Uninary bladder layers.

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Physics Questions

Ques. Question related to Frequency of open organ pipe and Closed organ

Ques. Question related to Oscillation

Ques. Rate of cooling of a body is 0.2°C/min when excess temperature is 20°C the proportionality constant is

Ques. A wheel of diameter 20 cm is rotating at 600 rpm the linear velocity of particle at its rim is

Ques. If a copper rod carries a direct current the magnetic field associated with the current will be

Ques. A pendulum having a negatively charged metal knob is oscillating on a positively charged surface, the time of pendulum will be

A. Increase
B. Decrease
C. Will remain the same
D. Will increase and then decrease

Ans. B

Ques. Find the ratio of K.E. and P.E. when a particle performs SHM when it is at (1 / n) times of its amplitude from mean position

Ques. Question related to topics Logic Gates

Ques. Question related to cyclotron

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Chemistry Questions

Ques. What is the polymer of elastomer

Ques. Which one of the following is vinyl alcohol
1) But-2-en-2-ol
2) prop-2-en-1-ol

Ques. Question related to Wurtz fittig reaction

Ques. Which of the following doesn't obey octet rule

Ques. Alkyl halide and aryl halide react in presence of sodium metal and dry ether. Name of reaction = ?

Ques. Which element has the highest oxidising potential?

A. Li
B. Cu
C. Al
D. Mg

Ans. A

Ques. Lowest boiling point .....

A. He
B. Ne
C. O
D. F

Ans. A

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Ques. Glycerol formula

Ques. Which of the ligand has two donor atoms among the following

A. Cl
B. I
C. Oxalate
D. H_2O

Ans. C

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