

MHT CET 2024 Question Paper (May 3 - Shift 1) PCM

Chemistry Questions

Ques. Question related to hcp > Co-ordination no.

Ques. Question related to Density (FCC)

Ques. Question related to Gibbs Energy

Ques. Question related to Amino Acid

Ques. Question related to Structure of Glucose

Ques. Question related to Find Homopolymer

Ques. Question related to Preparation of Benzaldehyde.

Ques. Question related to Find Zero Order Reaction.

Ques. Question related to Rosenmund Reaction

Ques. Question related to Solubility

Ques. Question related to Molar Conductivity

Physics Questions

Ques. $^{206}_{82}\text{Pb}$, α , β particles emitted are

Ques. Two bodies spherically R1,R2 Temp T1,T2 radiate power then,
R1:R2

Mathematics Questions

Ques. The number of four letter words that can be formed using the letters of the word barrack is

- A. 120
- B. 264
- C. 270
- D. 144

Ans. C

Ques. If $x^y = e^{x-y}$, at $x = 1$, $dy/dx = ?$

Ques. If the half life of the sample is 5 years and the initial weight of the sample is 64 gm, then the weight remaining after 15 years is?

Ques. Switching current of $(p \wedge q) \vee (\neg p \wedge (\neg q \vee p \vee r))$

Ques. No. of 4 letter words which can be formed by using word
"BARRACK"

Ques. $y = \sec(\tan^{-1}x)$ $dy/dx = ?$, given that $x = 1$

Ques. Value of $(a+b).p + (b+c).q + (c+a).r = ?$