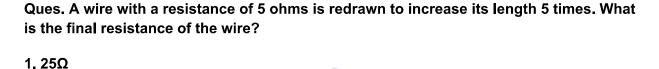


JEE Main 2024 Daily Practice Questions

Physics



- 2. 16Ω
- 3. 125Ω
- 4. 32Ω

Ques. Find the velocity of the particle if the position of the particle is given by x=2t² at t= 2 sec.

- 1.8 m/s
- 2. 4 m/s
- 3. 16 m/s
- 4. 32 m/s

Ques. A particle performing SHM with amplitude A starts from x=0 and reaches x=A/2 in 2 s. Find the time required for the particle to go from x=A/2 to x=A.

- 1. 1.5 s
- 2.4 s
- 3.6s
- 4.1 s



Chemistry

Ques. Arrange the following elements in increasing order of metallic character:

- 1. Si<Mg<Be<K
- 2. Be<Mg<Si<K
- 3. Si<Be<Mg<K
- 4. K<Mg<Si<Be

Ques. Which of the following elements is the weakest reducing agent in an aqueous solution?

1. Na

2. K College Dekhola 3. Li

4. Rb

Ques. The final oxidation number of Cr when $K_2Cr_2O_7$ is used in an acidic medium during titration.

- 1. +6
- 2. +2
- 3. + 3
- 4. +4

Mathematics

Ques. Number of numbers between 5000 and 10000 by using the digits 1, 3, 5, 7, and 9 without repetition is equal to:



- 1.120
- 2.72
- 3. 12
- 4.6

Ques. A triangle is formed with an x-axis, y-axis, and line 3x+4y+60. A point P (a,b) lies strictly inside the triangle such that a is a positive integer and b is a multiple of "a". Find such a number of points (a,b).

Ques. In a city, 25% of the population is a smoker and a smoker has 27 times more chance of being diagnosed with lung cancer. A person is selected at random and found to be diagnosed with lung cancer. If the probability of him being a smoker is K/40, find the value of K.