

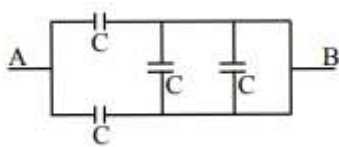
JEE Main 2024 Daily Practice Questions

Physics:

Ques. $y = A \sin (6t + 0.003x)$. Find the speed of wave 'x' in centimeters:

1. 10 m/s
2. 20 m/s
3. 30 m/s
4. 40 m/s

Ques. Find equivalent capacitance between A and B.



1. $4C$
2. $2C$
3. $C/2$
4. $5C/3$

Ques. If the weight on the surface of a planet of mass, radius is 200 N. Find the weight at depth $R/2$ from the surface of the planet.

1. 200 N

2. 300 N

3. 100 N

4. 400 N

Chemistry:

Ques. The number of moles and molecules of O_2 in 28.375L of oxygen gas at STP.

Ques. The compound does not exist.

1. $BeCl_2$

2. NaO_2

3. $PbEt_4$

4. $(NH_4)_2BeF_4$

Ques. Stabilizer used for concentrating sulphide ores:

1. Fatty acid

2. Pine oil

3. Cresol

4. Xanthate

Mathematics:

Ques. If $ln^2 - 10n + 19l < 6$, then find the number of the integral value of n .

Ques. How many mixed doubles tennis matches can be organized among 8 couples, such that no couple plays in the same match? [Data may be different]

Ques. In the series $3+8+13+....+373$. Find the sum of numbers that are not divisible by 3.