

# JEE Main 2024 Daily Practice Problems (DPP) and Questions November 2023

JEE Main 2024 Daily Practice Problems (DPP) and Questions for 6th November

Physics

**Ques.** The capacitor of capacity 600 pF is charged to 200 V then it is connected with an identical uncharged capacitor to find heat loss (in mJ).

Chemistry

**Ques.** Which of the following acts as a stabilizer in the decomposition of  $\text{H}_2\text{O}_2$ ?

1. Urea
2. Alkali
3. Glass
4. Dust

Mathematics

**Ques.** Find the absolute difference of coefficients of  $x^7$  and  $x^{10}$  in  $\left(2x^2 + \frac{1}{2x}\right)^{11}$ .

JEE Main 2024 Daily Practice Problems (DPP) and Questions for 2nd November

## Physics

**Ques.** Find the ratio of the de Broglie wavelength of proton, when it is accelerated across  $v$  and  $3v$  potential difference.

1. 3:1
2.  $1:\sqrt{3}$
3. 1:3
4.  $\sqrt{3}:1$

## Chemistry

**Ques.** Which of the following chlorides is more soluble in organic solvent?

1. Be
2. K
3. Ca
4. Mg

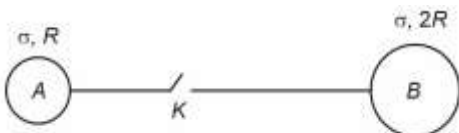
## Mathematics

**Ques.** Using 1, 2, 2, 2, 3, 3, 5 find a number of 7-digit odd numbers that can be formed.

## JEE Main 2024 Daily Practice Problems (DPP) and Questions for 1st November

## Physics

**Ques.** Two conducting solid spheres (A & B) are placed at a very large distance with charge densities and radii as shown:



When the key K is closed, find the ratio of final charge densities.

1. 4:1
2. 1:2
3. 2:1
4. 1:4

Chemistry

Ques. Caprolactam when heated at high temperature, gives:

1. Nylon 6, 6
2. Dacron
3. Teflon
4. Nylon 6

Mathematics

Ques. A die with points (2, 1, 0, -1, -2, 3) is thrown 5 times. The probability that the product of outcomes on all throws is positive is:

1.  $\frac{521}{2592}$
2.  $\frac{16}{81}$
3.  $\frac{41}{288}$
4.  $\frac{28}{81}$