

JEE Main 2024 Daily Practice Questions

Physics:

Ques. Which of the following frequencies does not lie in the FM range:

1. 88 MHz
2. 64 MHz
3. 99 MHz
4. 106 MHz

Ques. If the tension in a string is 70 N and the linear mass density of string is 7×10^{-3} kg/m, then what will be the velocity of the string wave?

1. 10 m/s
2. 35 m/s
3. 60 m/s
4. 100 m/s

Ques. The average kinetic energy of the gas is:

1. Directly proportional to pressure
2. Directly proportional to volume
3. Directly proportional to absolute temperature
4. All of them

Chemistry:

Ques. The average kinetic energy of an ideal gas depends upon:

- 1. Nature of the gas**
- 2. Pressure of the gas**
- 3. Temperature of the gas**
- 4. Volume of the gas**

Ques. Which of the following statement/s is/ are correct regarding Be:

- A. It's oxide is purely acidic**
- B. It's sulphate is soluble in water**
- C. It shows anomalous properties w.r.t other elements of the same group**
- D. It's carbonate is thermally stable**

- 1. Only A and B**
- 2. Only B and C**
- 3. Only B, C and D**
- 4. Only A, C and D**

Ques. Photo Chemical smog can be minimized by:

- 1. By tall chimney**
- 2. By using a catalyst converter**
- 3. Metallic catalyst in automobile industries**
- 4. By full consumption of fuel**

Mathematics:

Ques. Which Number of three-digit numbers which are divisible by 2 or 3 but not divisible by 7?

Ques. If $19^{200} + 23^{200}$ is divisible by 49, then what is the remainder?

Ques. Orthocentre of a triangle whose vertices are (1,2), (2, 1) and (3, 1) is:

1. (1, 1)

2. (-1, 1)

3. (1, -1)

4. (0, 0)