

Physics MCQ's From Past Papers

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1. What is the relative permittivity of air

- A. 1.0006
- B. 7.8
- C. 3.7
- E. 1

☐ [Answer - Click Here:](#)

A

2. The working principle of the dielectric in the capacitor is ...

- A. Electric Polarization
- B. No Charge
- C. Small Charge
- D. Maximum Charge

☐ [Answer - Click Here:](#)

A

3. ERG stand for what...?

- A. Electro Retinography
- B. Electro Radiography
- C. Electrography
- D. None of these
- E. All of the above

☐ [Answer - Click Here:](#)

A

4. If Air is the dielectric between plates of a capacitor, by doubling the distance between the plates and reducing the area to 1/3 of the original value, its capacitance becomes

- A. 6 times
- B. 90 times

MCQS PHYSICS

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- Set 27: Nuclear Physics
- Set 28: Plasma Physics
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- States of physics MCQs Questions Answers
- Dawn of Physics MCQs
- Alternating Current Physics Solved MCQs Questions Answers
- Work And Energy MCQs
- Fluid Dynamics Solved MCQs Questions Answers
- MCQs Newton Laws of motion – Solved questions answers
- Momentum MCQs – Physics

- C. 10 times
- D. 1/6 times
- E. None of these

☐ Answer - Click Here:

D

5. NaCl is a dielectric

- A. Polar
- B. Non-Polar
- C. Electric
- D. Magnetic

☐ Answer - Click Here:

A

6. Initially, when the capacitor is uncharged, the potential difference between plates is

- A. Infinite
- B. Zero
- C. Maximum
- D. Minimum

☐ Answer - Click Here:

B

7.The Unit if Resistance Capacitance is ...

- A. Ohm Farad
- B. Coulomb
- C. Both A & C
- D. Second

☐ Answer - Click Here:

C

8. The Unit of the energy density of the capacitor is

- A. Jm^2
- B. JF
- C. J/m^3
- D. j/F

☐ Answer - Click Here:

C

9. The capacitance of two 5 μ F capacitors in series is μ F

- A. 25
- B. 2.5
- C. 10
- D. 5

☐ Answer - Click Here:

B

10. The electric field lines will be uniform when placed ...

- A. Near a -ve charge
- B. Near a +ve charge
- C. The Middle between two positively charged plates
- D. All of these

☐ Answer - Click Here:

D

11. Visual representation of the electric field can be obtained by ...

- A. Electric lines of force
- B. Electric flux
- C. Both A & B
- D. Electric Field Lines
- E. None Of These

☐ Answer - Click Here:

D

12. How is energy stored in the capacitor?

- A. Magnetic Field
- B. gravitation Field
- C. Electric Field
- D. All of These

☐ Answer - Click Here:

C



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