

Physics PYQ 2023

Physics Previous Year Question Paper (2023)

Section A (Multiple Choice)

1. The unit of electric flux is:
 - a) N/C
 - b) V/m
 - c) V-m
 - d) N-m/C
2. Which of the following is not an electromagnetic wave?
 - a) X-rays
 - b) Gamma rays
 - c) Beta rays
 - d) Radio waves

Section B (Theory)

3. State Gauss's Law in electrostatics.
4. Derive the expression for capacitance of a parallel plate capacitor.
5. Explain the phenomenon of interference of light.

Section C (Numericals)

6. A convex lens of focal length 20cm is placed in contact with a concave lens of focal length 10cm. Find the power of the combination.