

**JEE MAIN ELECTROSTATIC POTENTIAL AND CAPACITANCE —
CAPACITORS AND CAPACITANCE, PARALLEL PLATE CAPACITOR —
PYQS**

Max. Marks: 4

Questions: 1

Section A (MCQ) — 1 question

Q.1 Identify the correct statements :

- A. Effective capacitance of a series combination of capacitors is always smaller than the smallest capacitance of the capacitor in the combination.
- B. When a dielectric medium is placed between the charged plates of a capacitor, displacement of charges cannot occur due to insulation property of dielectric.
- C. Increasing of area of capacitor plate or decreasing of thickness of dielectric is an alternate method to increase the capacitance.
- D. For a point charge, concentric spherical shells centered at the location of the charge are equipotential surfaces.

Choose the **correct** answer from the options given below :

[JEE Main 2026 (Online) 28th January Evening Shift]

- (1) A, C and D Only (2) A, B and C Only
(3) B and D Only (4) C and D Only

Scan or tap for the full solution



ANSWER KEY

[illegible]