
Electrostatic shielding - two bodies and a screen. In order to protect body B from the electrostatic field due to a charged body A, an ungrounded closed metallic screen is introduced (Fig. Q1.18). The protection is achieved for

- (A) case (a) only.
- (B) case (b) only.
- (C) both cases.
- (D) none of the cases.

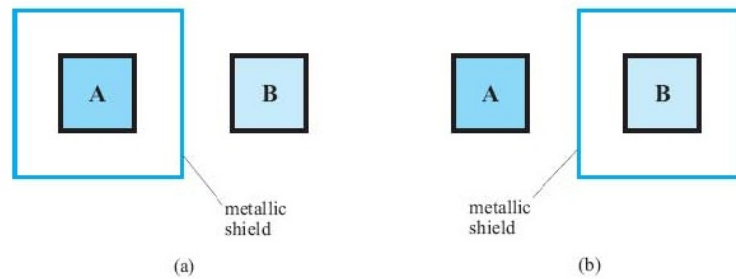


Figure Q1.18 Two proposed configurations for electrostatic shielding; for Question 1.24.

Solution: (B)

Answer: (B)