

[Electrical Materials Questions and Answers Pdf](#)

Question: 1

Which of the following types of polarization occurs in a multi phase materials?

- (A) electronic polarization
- (B) space charge polarization
- (C) orientation polarization
- (D) ionic polarization

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Ans: B

space charge polarization

Question: 2

Bohr magneton is defined as

- (A) magnetic moment of an electron orbital motion
- (B) magnetic moment of nucleus spin
- (C) magnetic moment of an electron spin
- (D) none of the above

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Ans: C

magnetic moment of an electron spin

Question: 3

Crystals like diamond and silicon are brittle, because

- (A) they contain no dislocations
- (B) they contain very few dislocations
- (C) they are non crystalline
- (D) the stress to move a dislocation is high

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Ans: D

the stress to move a dislocation is high

**Question: 4**

Which of the following materials has the highest dielectric strength?

- (A) transformer oil
- (B) cotton
- (C) polystyrene
- (D) marble

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Ans: C

polystyrene

**Question: 5**

Which of the following material has least value of dielectric constant?

- (A) glass
- (B) ceramics

(C) oil

(D) paper

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Ans: C

oil

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