

Electrical Materials Objective Questions and Answers Pdf

Question: 1

A unit cell is

- (A) a cube containing the largest number of atoms
- (B) the smallest group of atoms which when regularly repeated forms the crystal
- (C) the basic building block of crystal
- (D) an agglomerated structure

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Ans: B

the smallest group of atoms which when regularly repeated forms the crystal

Question: 2

The energy gap in divalent metals is

- (A) large
- (B) zero
- (C) very small
- (D) fairly small

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Ans: B

zero

Question: 3

What is the name of fluorescent material that gives red colour fluorescence?

- (A) magnesium silicate
- (B) zinc sulphide
- (C) zinc silicate
- (D) calcium silicate

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Ans: A

magnesium silicate

Question: 4

The permanent magnets are made from which of following materials?

- (A) diamagnetic
- (B) paramagnetic
- (C) ferromagnetic
- (D) soft iron

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Ans: C

ferromagnetic

Question: 5

Material science deals with

- (A) solids and vapours
- (B) gases and liquids
- (C) molten metals

(D) solid materials

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Ans: D

solid materials

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