

PPSC Physics Chapter 6 Electricity and Magnetism

Sr	Questions	Answers Choice
1	An important application of the semi conductor is the	A. Vacuum tube B. Fluroescent tube C. Copper oxide rectifier D. Battery
2	Lagging of magnetic flux density behind magnetic field is known as.	A. Permeability B. Susceptibility C. Hysteresis D. Uncertainty
3	Materials that experience a force from stronger to weaker regions of magnetic field are called.	A. Non magnetic B. Paramagnetic C. Ferromagnetic D. Diamagnetic
4	A material in which resultant magnetic moment is zero.	A. Diamagnetic B. Paramagnetic C. Ferromagnetic D. Anti ferromagnetic
5	In a crystal lattice	A. Atoms are arranged in an order way B. Atoms are arranged in a random way C. Holes are arranged in an order way D. Electrons are arranged in an order way
6	The permeability of a diamagnetic material is	A. Greater than unity B. Less than unity C. Equal to unity D. Zero
7	Which of the following has teh maximum permeability.	A. Paramagnetic substances B. Ferromagnetic substances C. Diamagnetic substances D. Iron oxide
8	Which of the following is not a ferromagnetic materials.	A. Iron B. steel C. Copper D. Cobalt
9	When impurities are added to metals they	A. Will decrease the elasticity B. Will increases the elasticity C. Will not change the elasticity D. Will or will not change the elasticity
10	Which of the following is an example of diamagnetic substances.	A. Nickel B. Chromium C. Antimony D. Cobalt
11	Super conductor are used in	A. Fast computer chips B. Magnetic resonance imaging C. Magnetic levitation trains D. All of the above
12	A well known example of an intrinsic semi conductors is.	A. Germanium B. Phosphorus C. Cobalt D. Aluminium
13	The materials whose resistivity becomes zero below a certain temperature.	A. Semi conductors B. Super conductors C. Insulators D. conductors
14	Such substance which undergo plastic deformation until they break are known as.	A. Diatomic substances B. Monoatomic substances C. Ductile substances D. Brittle substances

15	The doped semi conductor materials are called	A. Pure semi conductors B. Poor semi conductors C. Super conductors D. Extrinsic semiconductors
16	A substance which has empty conduction band.	A. Insulator B. Conductor C. Semi conductor D. super conductor
17	Artificial polymers are made by a chemical reaction known as.	A. Crystallization B. Electroplating C. Polymerization D. Polarization
18	Which one of the following solids exhibits only short range order.	A. Amorphous solids B. Polymeric solids C. Crystalline solids D. Metals
19	Amorphous solids are also called	A. Crystalline solids B. Glassy solids C. super conductors D. Polymeric solids
20	When a pentavalent material like arsenic is added to a tetravalent material such as germanium, we get a.	A. n-type material B. p -type material C. diode D. super conductor