

Multiple Choice Questions (MCQs)(for 3rd Term)**CLASS: VII****SUBJECT: PHYSICS****Chapter – 7**

- Question 1) Magnet was discovered around _____
 (a) 600 BC (b) 700 BC (c) 800 BC (d) none
- Question 2) Magnet is also known as _____
 (a) Lode stone (b) Grey stone (c) Black stone (d) none of these
- Question 3) The property that a magnet always points in the north- south direction is called _____ property.
 (a) Attractive (b) In directive (c) Directive (d) None
- Question 4) A _____ is used to find the directions.
 (a) Magnet (b) Electromagnet (c) compass (d) none of these
- Question 5) Like poles of magnets _____ each other.
 (a) Attract (b) Repel (c) not affect (d) none of these
- Question 6) Unlike poles of magnets _____ each other.
 (a) Attract (b) Repel (c) not affect (d) none of these
- Question 7) North pole of one magnet will attract _____ pole of other magnet.
 (a) North (b) South (c) North- South (d) none of these
- Question 8) South pole of one magnet will attract _____ pole of other magnet.
 (a) North (b) South (c) Both (d) none of these
- Question 9) _____ is sure test of magnetism.
 (a) Attraction (b) Both (c) Repulsion (d) none of these
- Question 10) Magnetic poles always exist in _____
 (a) Separately (b) pair (c) Both (d) none of these
- Question 11) There are _____ poles in a magnet.
 (a) 1 (b) 2 (c) 3 (d) 4
- Question 12) The magnetism produced due to electricity is known as _____.
 (a) magnetism (b) electromagnetism (c) Induced magnetism (d) none of these
- Question 13) Electromagnets are usually have an core of _____
 (a) Aluminium (b) Alnico (c) Gold (d) none of these
- Question 14) _____ are used in cranes.
 (a) Magnets (b) Horse shoe Magnets (c) Electromagnets (d) none of these
- Question 15) An object weight attracts substances made of iron, nickel and cobalt, is _____
 (a) Magnet (b) Gravity (c) Attraction (d) None
- Question 16) The property due to which an object behaves as a magnet.
 (a) Attraction (b) Magnetism (c) Electromagnetism (d) none of these
- Question 17) A freely suspended magnet aligns itself along the _____ direction of the earth.
 (a) East-West (b) North- South (c) North- East (d) none of these

Chapter – 8

- Question 1) There are _____ types of charges.
 (a) 1 (b) 2 (c) 3 (d) 4
- Question 2) The particles which carry positive charge are called _____.
 (a) electron (b) proton (c) neutron (d) none of these
- Question 3) The particles which carry negative charge are called _____.
 (a) electrons (b) protons (c) neutrons (d) none of these
- Question 4) The particle which is electrically neutral _____.
 (a) electron (b) proton (c) neutron (d) none of these
- Question 5) The flow of _____ gives us electricity.
 (a) electron (b) proton (c) neutron (d) none of these
- Question 6) The rate of flow of electron is called _____.
 (a) electric current (b) river current (c) wind current (d) none of these
- Question 7) $I = \square$
 (a) $Q \times t$ (b) $\frac{Q}{t}$ (c) $Q + t$ (d) $Q - t$
- Question 8) The SI unit of current is _____.
 (a) coulomb (b) volt (c) ampere (d) none of these
- Question 9) The combination of two or more cells is called _____.
 (a) battery (b) generator (c) motor (d) none of these
- Question 10) The _____ is the main source of energy for earth.
 (a) electricity (b) plants (c) coal and petrol (d) sun
- Question 11) The energy from the sun is called _____.
 (a) Heat energy (b) light energy (c) solar energy (d) none of these
- Question 12) The solar cells convert light energy into _____ energy.
 (a) Heat (b) Sound (c) wind (d) electrical
- Question 13) The wind possesses energy.
 (a) kinetic (b) potential (c) Heat (d) none of these
- Question 14) _____ are devices which produce electricity by converting mechanical energy into electrical energy.
 (a) Motors (b) Generators (c) Pumps (d) none of these

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- Question 15) In _____ circuit, each device is connected in such a way that there is only one path through which electric current can flow.
(a) series (b) parallel (c) bridge (d) none of these
- Question 16) In _____ circuit, all the electrical appliances are connected by means of parallel connections.
(a) series (b) parallel (c) bridge (d) none of these
- Question 17) All house hold electric circuits consists of _____ wires.
(a) 2 (b) 3 (c) 4 (d) 5
- Question 18) Live wire is _____ in colour.
(a) Blue (b) Black (c) Red (d) none of these
- Question 19) To avoid the risk of electric shocks, the metal body of an electric appliance is _____.
(a) Earthed (b) Insulated (c) Painted (d) none of these
- Question 20) The materials that allow electric current to pass through it is called _____.
(a) Insulator (b) Conductor (c) Plastic (d) none of these
- Question 21) The materials that do not allow electric current to pass through it is called _____.
(a) Insulators (b) Conductors (c) Iron (d) none of these
- Question 22) _____ is a conductor.
(a) Plastic (b) wood (c) Rubber (d) Iron
- Question 23) _____ is an insulator.
(a) Iron (b) Aluminium (c) Plastic (d) Steel
- Question 24) _____ are modern safety devices.
(a) Fuse (b) Switch (c) MCB's (d) none of these
- Question 25) Electrical energy consumption is measured by _____.
(a) electric meter (b) Ammeter (c) Barometer (d) none of these

