

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Which of the following is a non contacting device that intercepts and measures thermal radiation.	A. Thermometer B. Pyrometer C. Voltmeter D. Lactometer
2	Vectors are often split into two or more orthogonal components what is true of these components.	A. they are perpendicular B. They are parallel C. They are antiparallel D. They have same magnitude
3	The two elements with same number of electrons but different mass number are called.	A. Isotones B. Isobars C. Isotopes D. Isomers
4	A semiconductor diode conducts only when it is	A. Not biased B. Zero biased C. Reverse biased D. Forward and biased
5	Which of the following is not an application of diodes.	A. A filters B. Bridge rectifier C. Half wave rectifier D. Full wave rectifier
6	A relationship between mechanical work and heat energy was firstly established by.	A. Davy B. Count Rumford C. Joule D. Kelvin
7	Why should the metal casing of an electrical fire be earthen.	A. To complete an electrical circuit. B. To prevent the fire from overheating C. To reduce the risk of electric shocks D. To stop the casing from getting too hot to touch
8	A deuteron is	A. A type of proton B. A proton neutron bounded together C. A type of beta particle D. A type of neutron
9	A wire surrounded by a concentric cylindrical metal shield constitutes a.	A. Spherical capacitor B. Parallel plate capacitor C. Cylindrical capacitor D. Cylindrical condenser
10	The velocity of sound will be greater in.	A. Air B. Water C. Solids D. Vacuum
11	A D.C Motor converts	A. Mechanical energy into electrical energy B. Mechanical energy into chemical energy C. Electrical energy into mechanical energy D. Electrical energy into chemical energy
12	The highest efficiency of a heat engine whose low temperature is 17 oC and the high temperature of 200 oC is.	A. 20% B. 30% C. 35% D. 40%
13	Time period of a simple pendulum depends upon.	A. Thickness of the thread B. Mass of the pendulum C. Length of the pendulum D. Amplitude of vibration
14	Which of the following refers to the distance from crest to crest of a wave.	A. Frequency B. Wavelength

		C. Amplitude D. Period
15	The resistance of 10 micro F capacitance, when connected to A D.C. circuit is.	A. Zero B. Unity C. -1 D. Infinity
16	Which of the following can be used as an arrester in a nuclear reactor.	A. Graphite B. heavy water C. Uranium D. Cadmium
17	An alternating current can be produced by	A. Turbine B. Electric motor C. Generator D. Trnasormer
18	Power of the lens is one dioptre, if its focal length is.	A. 1/6 metre B. 1/2 metre C. 1 metre D. 8 metre
19	All the magnetic materials lose their magnetic properties when	A. Dipped in oil B. Dipped in water C. Heated D. Cooled
20	Significant motion for the molecules of a monoatomic gas is.	A. Rotatory B. Vibratory C. Translatory D. Random