

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	A body of mass 2 kg is suspended from the celling of an elevator moving up with an acceleration 'g' its apparent weight in the elevator will be.	A. 9.88 N B. 19.8 N C. 29.4 N D. 39. 2 N
2	Magnetic effect of current was discovered by	A. Faraday B. Fleming C. Oersted D. Ampere
3	Which of the following is not an application of diodes.	A. A filters B. Bridge rectifier C. Half wave rectifier D. Full wave rectifier
4	The energy supplied in charging a capacitor resides after the charging in.	A. The magnetic field B. The electric field C. the battery D. The moving conduction charges
5	When a hot liquid is mixed with a cold liquid temperature of the mixture.	A. First decreases and then becomes constant B. First increases and then becomes constant C. Continuously decreaes D. Is undefined for some time and then nearly becomes constant
6	Which of the substances is the lightest one.	A. Copper B. Mercury C. Aluminium D. Lead
7	Which mirror be used for obtaining a parallel beam of light from a small lamp.	A. Plane mirror B. Convex mirror C. Concave mirror D. All of these
8	The materials whose resistivity becomes zero below a certain temperature.	A. Semi conductors B. Super conductors C. Insulators D. conductors
9	Difference in the density of two medium when waves are passing from one into another medium always results in the change in.	A. Wave speed B. Wave direction C. Both speed and direction D. Wave frquency
10	A capacitor is prefect insulator for	A. Direct current B. Alternating current C. Direct as well as alternating current D. Pulsating current
11	The angular frequency time period and frequency in SHM not depend upon.	A. Mass B. Force constant C. Amplitude D. Restoring force
12	Which of the following can be used as an arrester in a nuclear reactor.	A. Graphite B. heavy water C. Uranium D. Cadmium
13	The rms value of alternating current is always	A. Infinity B. Unity C. Positive D. Negative
14	Which of the following has the highest relative biological effectiveness or the quality factor.	A. X rays and Gama rays B. Electrons C. Photons D. Alpha particles

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15	In an electronic transition atom cannot emit	A. Gama rays B. Visible rays C. Infrared rays D. Ultraviolet rays
16	Which scientist made the fist successful terrestrial measurement of the speed of light	A. Isaac Newton B. Ole Romer C. Armand Fizeace D. Albert Michelson
17	A resistor whose resistance decreases with increasing intensity is.	A. Light dependent resistor B. Thermistor C. Thermocouple D. Strain gauge
18	The number $0.02 \times 10^{-8}$ in standard form will be written as.	A. 2 x 10 <sup>-10</sup> B. 2 x 10 <sup>-8</sup> C. 20 x 10 <sup>-8</sup> D. 20 x 10 <sup>-6</sup>
19	The hyperfine lines in the spectrum relates to	A. Stark effect     B. Zeeman effect     C. Lande's spliting     D. Nuclear magnetic spin
20	Which of the following quantity is zero about the centre of mass of baody.	A. Mass B. Acceleration C. Moment D. Angular momentum