

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	What is used in an electric circuit to allow current in one direction only.	A. A fuse B. An ammeter C. A diode D. A relay
2	The word fluid means	A. To rise B. To fall C. To flow D. To oppose
3	When ever current is drawn from a cell Its terminal potential difference and emf become	A. Different B. Same C. Zero D. Negative
4	When light enters a denser medium	A. Its speed slows down B. Its speed increases C. It is totally reflected D. Its speed remains unchanged
5	A pure choke consumes	A. No power B. Maximum power C. Minimum power D. Average power
6	Which of the following particles leave no trail in a cloud chamber.	A. Electrons B. Protons C. Alpha particles D. Neutrons
7	A man of mass 100 kg is standing in an elevator. The net force acting on the man reads its weight when the elevator is going up with acceleration 4 m s^{-2} would be.	A. 100 N B. 590 N C. 490 N D. 980 N
8	In an Isolated system , total energy of the vibrating's mass and spring is	A. Low B. High C. Constant D. Variable
9	In solid and liquids the variation of the speed of sound with temperature is.	A. Much greater than in air B. Slightly les than in air C. The same as in air D. Smell and usually negligible
10	Which of the following is conserved in SHM	A. K.E. B. P.E C. Total energy D. Electrical energy
11	What happen to entropy in an irreversible cycle.	A. No gain in entropy B. No change in entropy C. Loss of entropy D. A net gain of entropy
12	When two identical travelling waves are superposed, velocity of the resultant wave	A. Remains unchanged B. Decreases C. Increases D. Become zero
13	The sound velocity in moist air as compared to dry air will be	A. More B. Less C. Same D. zero
14	In a nuclear reactor chani reaction is controlled by introducing.	A. Iron rods B. Cadmium rods C. Graphite rods D. Platinum rods
15	First law of thermodynamics is a	A. Boyle 's law B. Charles' law C. Law of energy conservation D. Steffen Boltzmann law

16	If a charged body is moved against the electric field it will gain.	A. P.E B. K.E. C. Electrical P.E. D. Gravitational energy
17	White light a tungsten filament lamp is passed through sodium vapor and viewed through a diffraction grating Which of the following best describes the spectrum which would be seen.	A. Coloured lines on a black background B. Coloured lines on a white background C. Dark lines on a coloured background D. Dark lines on a white background
18	What is the scale for measurement of Banbridge mass spectrograph.	A. Linear B. Inverse C. Exponential D. Logarithmic
19	Interference effects of light were verified by	A. Thomas Young B. Newton C. Bragg D. Huygen
20	Which was the transparent front part of the eye that covers the pupil, iris and interior chamber.	A. Cornea B. Fovea C. Sclera D. Choroid
