

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
SI	Questions	
1	What must be changing when a body is accelerating uniformly.	A. Force acting on the body B. Mass of the body C. Speed of the body D. Velocity of the body
2	The Lenz's law is also a statement of the law of conservation of.	A. Energy B. Mass C. Momentum D. Torque
3	Mean free path in a gas is the	A. Distance travelled by a molecule before hitting a wall B. Average distance travelled by a molecule in one second C. Average distance travelled between molecules between any two successive collisions D. Root mean square velocity
4	In an isobaric process there is no.	A. Pressure change B. Internal energy change C. Heat exchanged D. volume change or work done
5	A girl standing 150 m in front of tall building fires a pistol A boy standing 350 m behind her hears two bangs 1 s apart from this information what is the speed of sound in air.	A. 150 m s-1 B. 300 m s-1 C. 280 m s-1 D. 330 m s-1
6	Which of the following properties of light does not very with the nature of the medium.	A. Amplitude B. Frequency C. Wavelength D. Time period
7	The simple form of particle accelerator is.	A. Cathode ray tube B. Oscillator C. _{Amplifier} D. Phase locked loop
8	Which of the following quantities is analogous to mass in electricty.	A. Charge B. Potential C. Capacitance D. Inductance
9	What will be excitation energy in the third orbit of hydrogen atom.	A. 0.66 eV B. 0.85 eV C. 1.5 eV D. 5.4 eV
10	Negative feedback	A. Increases stability B. Decreases stability C. Produces oscillatory D. Cannot occur
11	How solid hydrogen is obtained.	A. By cascade process B. By joule kelvin effect C. By adiabatic expansion D. Lowering temperature below melting point
12	Which of the following is not a mode of radioactive decay.	A. Positron emission B. Electron capture C. Fusion reaction D. A decay
13	What is measured by the energy dissipated when a source drives a unit charge round a complete circuit.	A. Electromotive force B. Potential difference C. Power D. Resistance
14	Which of the following is the most commonly used regions of operations for a transistor.	A. Cut off B. Saturation C. Active D. All of these

15	Light year is a unit of	A. Light B. Velocity C. Time D. Distance
16	If the wavelength of a wave is 1 cm and its period is 0.02 s , velocity of the wave will be	A. 20 cm s-1 B. 50 m s-1 C. 60 cm s-1 D. 100 cm s-1
17	Dispersive power of a prism depends upon the wavelength of the light used and is	A. More for large wavelengths B. Less for large wavelengths C. More for small wavelengths D. Less for small wavelengths
18	Which of the following is not necessary for work to be done.	A. A constant force B. An applied force C. A displacement D. Force component along the displacement
19	The electron behave an waves because	A. They can be diffracted by a crysta B. They can produce ions in gases C. They can be deflected by magnetic field D. They can be deflected by electric field
20	Who proposed that light energy travels in space by means of wave motion.	A. Maxwell B. Planck C. De-Broglie D. Huygen