

## PPSC Physics Full Book

Sr	Questions	Answers Choice
1	The velocity of an object when projected from the earth in order to escape the earth's gravitational field is called the.	A. Terminal velocity B. Average velocity C. Instantaneous velocity D. Escape velocity
2	The angle subtended at the centre of a circle by an arc equal to its radius is equal to.	A. One rotation B. One radian C. One degree D. One revolution
3	When a positron is emitted it causes.	A. Mass number to increase by one B. mass number to decrease by one C. Atomic number to decrease by one D. Atomic number to increase by one
4	The tunnel effect makes possible	A. Alpha decay B. Gamma rays C. Positive Beta decay D. negative Beta decay
5	A Galilean telescope with objective of focal length 30 cm and eyepiece of focal length 8 cm when focused for infinity has length equal to	A. 7.5 cm B. 2.2 cm C. 38 cm D. 240 cm
6	A perfect black body	A. Is a perfect absorber of all radiations B. Is a perfect reflector of all radiations C. Is a perfect reflector of visible light radiations D. Is a brownish object
7	In a parallel resonant circuit, at resonance	A. Current is maximum B. Voltage is maximum C. Impedance is minimum D. Impedance is zero
8	Oscillatory motion is always under	A. An applied force B. Restoring force and inertia C. A periodic force D. A gravitational force
9	Who explained the Fraunhofer lines in the spectrum of solar radiations.	A. Wein B. Stefan C. Fraunhofer D. Kirchoff
10	Which six particles and their antiparticles interact by the weak interaction.	A. Leptons B. Hadrons C. Muons D. pi mesons
11	The electron behaves as waves because	A. They can be diffracted by a crystal B. They can produce ions in gases C. They can be deflected by magnetic field D. They can be deflected by electric field
12	Inductance is measured in	A. Coulombs B. Volts C. Henrys D. Farads
13	The reluctance of a body to start moving is called.	A. Mass B. Weight C. Force D. Inertia
14	The input excitation for a JFET is	A. Current signal B. Voltage signal C. Voltage and current signals

		D. Neither voltage nor current signal
15	The maximum distance between an object and its real image in case of convex lens is	A. $f$ B. $2f$ C. $2.5 f$ D. $4 f$
16	the amplitude of a wave indicates	A. Wavelength B. Frequency C. Intensity of wave D. Nature of wave
17	Liquids with disordered structure frozen in are an example of	A. Amorphous solids B. Glassy solids C. Crystalline solids D. Polymeric molecules
18	When ever current is drawn from a cell Its terminal potential difference and emf become	A. Different B. Same C. Zero D. Negative
19	If the presence of air friction, the path of a projectile appears as.	A. Straight line B. Parabola C. Hyperbola D. zig zag
20	A charge kept at the centre of a shell The shell has charge $Q$ and radius $R$ The force on the central charge due to shell is	A. in the upward direction B. Towards left C. Towards right D. Zero