

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	No entropy change is associated with	A. Isothermal process B. Adiabatic process C. Isochoric process D. Isoteric process
2	A light beam is said to be plane polarized when	A. its vibrations are restricted to only one plane B. Its vibrations are very strong in one plane C. Its vibrations take place in any plane D. Its vibrations are very weak in one plane
3	The heat required to sublime one mole of the substance at standard temperature and pressure is called.	A. Latest heat B. Specific heat C. Heat of sublimation D. Heat capacity
4	If a single convex lens is placed closed to the eye then it can be used as	A. Telescope B. Simple microscope C. Compound microscope D. Opera glass
5	MT-2 is the dimensionless formula of.	A. Moment of inerti B. Viscosity C. surface tension D. Angular acceleration
6	The minimum amount of energy in an individual electron has to gain to escape from a particular surface is called.	A. Threshold frequency B. work function C. Wave number D. Kinetic energy
7	Which one of the following materials has negative temperature coefficient.	A. Conductors B. Semiconductors C. Insulators D. Covalent bonds
8	The wavelength of Pascha series lies is the	A. Visible region B. Ultraviolet region C. Infrared region D. Invisible region
9	On which property of lens, longitudinal chromatic aberration depend upon	A. Resolving power B. Dispersive power C. Magnifying power D. Radius of curvature
10	A plug connoted to a table lamp contains a 3 A fuse Why is the fuse needed.	A. To increase the resistance of the circuit B. To make it easier for the current to flow C. To protect the wiring form overheating D. To reduce the voltage across thelamp
11	The product of two non zero numbers is.	A. A vector quantity B. A unit vector C. Always zero D. Never equal to zero
12	Net change in entropy of a system in a Carnot's cycle in	A. Positive B. Negative C. Zero D. Infinite
13	The minimum value of charge on any object is.	A. $1.6 \times 10^{-29}$ C B. $1.6 \times 10^{-19}$ C C. $1.6 \times 10^{-9}$ C D. 1 C
14	Which of the followina remains unaffected in a maagnetic field.	A. a particles B. b particles

		<p>C. gama particles D. Electrons</p>
15	Which type of image is produced by the converging lens of human eye if it views a distant object.	<p>A. &lt;div&gt;Real, erect, same size&lt;/div&gt; B. &lt;div&gt;Real, inverted, diminished&lt;/div&gt; C. Virtual, erect, diminished D. Virtual, inverted, magnified</p>
16	The corpuscular nature of light was given by	<p>A. Huygen B. Maxwell C. Newton D. Thomas Young</p>
17	Which one of the following is a convenient energy unit to express the energy of sub atomic particles.	<p>A. Joule B. electron volt C. Watt D. Curie</p>
18	Which quantity has different units from the other three.	<p>A. Density x volume x velocity B. Rate of change of momentum C. Young's modulus x area D. Weight</p>
19	In which temperature range water decreases in volume with increasing temperature.	<p>A. From 0 &lt;sup&gt;o&lt;/sup&gt;C to 4 &lt;sup&gt;o&lt;/sup&gt;C B. from 0 &lt;sup&gt;o&lt;/sup&gt;C to 10 &lt;sup&gt;o&lt;/sup&gt;C C. from 50 &lt;sup&gt;o&lt;/sup&gt;C to 100 &lt;sup&gt;o&lt;/sup&gt;C D. from 75 &lt;sup&gt;o&lt;/sup&gt;C to 100 &lt;sup&gt;o&lt;/sup&gt;C</p>
20	An object at the end of a spring oscillates with SHM of angular frequency 2 rad s <sup>-1</sup> What is the period of oscillation.	<p>A. 0.32 s B. 0.50 s C. 0.80 s D. 3.1 s</p>