

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	If a body is moving with constant velocity then	A. Its acceleration is zero B. Its direction may be changing C. Its speed may be changing D. Its acceleration is constant
2	Tuning fork is a source of.	A. Heat B. Energy C. Light D. Sound
3	The phenomenon in which a photon of frequency 'f' is scattered by an electron and the scattered photon has frequency $f' < f$ is known as.	A. Pair production B. Pair annihilations C. Photoelectric effect D. Compton's effect
4	Which type of microscope was the first to be developed.	A. Optical microscope B. Digital microscope C. Electron microscope D. All were developed at the same time
5	If positive terminal of the battery is connected to n-type and negative terminal of the battery is connected to p-type then the diode is.	A. Saturated B. A gate C. Forward biased D. Reverse biased
6	Polaroids can be used	A. To control headlight glare in night driving B. To determine the concentration of the optically active substances C. In curtain less windows to adjust the amount of light D. all of the above
7	The mains frequency in Pakistan is	A. 20 Hz B. 50 Hz C. 40 Hz D. 60 Hz
8	The fluid which is incompressible and non viscous is called.	A. Viscous fluid B. Nonideal fluid C. Ideal fluid D. Perfect fluid
9	Which of the following is not true.	A. Velocity can be negative B. Velocity is a scalar C. Speed is a vector D. Speed can be negative
10	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
11	A cup of coffee at 80 °C is left to cool to 30 °C if the heat capacity of the cup and coffee is 2.0 kJ kg⁻¹ how much heat is released during the cooling.	A. 0.04 kJ B. 100 kJ C. 60 kJ D. 160 kJ
12	What is emitted by the hot metal filament in a cathode ray tube.	A. Alpha particles B. Electrons C. Protons D. X rays
13	At which temperature a ferromagnetic material becomes paramagnetic on heating.	A. Kelvin temperature B. Celsius temperature C. Curie temperature D. Fahrenheit temperature
14	One rem is equal to.	A. $<div>0.1 \text{ Sv}</div>$ B. 0.01 Sv C. 0.001 Sv D. 0.0001 Sv

15 In order to reduce uncertainty in momentum one must use light of.  
A. Short wavelength  
B. Large wavelength  
C. Wavelength of intermediate value  
D. Wavelength of any value

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16 who discovered that mass and energy are forms of each other.  
A. Issac Newton  
B. Albert Einstein  
C. Galileo  
D. Khawarizmi

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17 The locus of all points in the same state of vibrations are known as.  
A. half period zone  
B. A wavefront  
C. A half wave zone  
D. A full wave zone

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18 What is the part of a simply D.C. motor that reverses the direction of current through the coil every half cycle.  
A. Armature  
B. Brushes  
C. Commutator  
D. Slip rings

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19 The line passing symmetrically through the optical center of the lens is.  
A. Focal plane  
B. Principal focus  
C. Principal axis  
D. Focal length

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20 Lines of force are imaginary lines drawn so as to be energy point.  
A. parallel to equipotential surface  
B. Normal to the electric field  
C. Indicative of the position of the nearest source charge  
D. Tangent to the electric field