

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	A battery drives 50 C of charge round a circuit. The total work done is 750 J What is the electromotive force of the battery.	A. 0.07 V B. 15 V C. 700 V D. 1500 V
2	Balmer series lies in the	A. Visible region B. Invisible region C. Infrared region D. Far infrared region
3	There are how many types of forces or interactions.	A. Two B. Three C. Four D. Five
4	For which material magnetic susceptibility is negative.	A. Paramagnetic B. Diamagnetic C. Ferromagnetic D. All of these
5	It is possible to distinguish between transverse and longitudinal waves from the property of.	A. Refraction B. Interference C. Diffraction D. Polarization
6	Which of the following colours of light passes through glass with minimum speed.	A. Green B. Yellow C. Red D. Violet
7	On reflection of light from a source there occurs a change in	A. Wavelength B. Velocity C. Period D. Frequency
8	The specific heat of liquid	A. Decreases with temperature B. Increases with temperature C. Remains constant with change in temperature D. Increases with pressure
9	Who described an ideal heat engine in 1840	A. Boyle B. Saadi Carnot C. Kelvin D. Currie
10	Watt's current is said to flow when phase angle between virtual current and virtual voltage is	A. 0° B. 90° C. 180° D. 270°
11	Eddy current can be minimized by	A. Moving the conductor rapidly B. Moving the conductor slowly C. Using a metallic core D. Using a laminated core
12	The special theory of relativity was presented in 1905 by	A. Young B. Planck C. Schrodinger D. Einstein
13	Which of the following quantities has three significant figures.	A. 3.0066 m B. 5.05×10^{-27} kg C. 301.0 s D. 1.009 m
14	Where is the velocity of electrons maximum in a diode.	A. Near the cathode B. Near the anode C. In the space in between the two electrode. D. It is same throughout the tube
		A. Virtual, erect and larger than the object

15	In case of a convex lens, image formed at 2 F is	<p>B. Real, inverted and large than the object</p> <p>C. Real, inverted and same size as the object</p> <p>D. Real, inverted and smaller than the object</p>
16	Two sources of sound are said to be in resonance when.	<p>A. They look like similar</p> <p>B. They produce sound of same frequency</p> <p>C. They are enacted by the same agent</p> <p>D. They differ from each other</p>
17	Who gave the idea of matter wave.	<p>A. De Broglie</p> <p>B. Planck</p> <p>C. Einstein</p> <p>D. Huygen</p>
18	When $X_c = X_l$, this condition is called.	<p>A. Equality</p> <p>B. Balanced</p> <p>C. Resonance</p> <p>D. Equilibrium</p>
19	If velocity is doubled then	<p>A. Momentum increase 4 time and K.E. increase 2 times</p> <p>B. Momentum increases 2 times and K.E. remains constant</p> <p>C. Momentum increases 2 times and K.E. increases 4 times</p> <p>D. Both momentum and K.E. remain constant</p>
20	If a force of 50 N is acting along x axis , then its component along y-axis will be.	<p>A. Zero</p> <p>B. The same</p> <p>C. Of the half magnitude</p> <p>D. Of the double magnitude</p>