

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	What is the effect of electric and magnetic fields on X-rays	A. X-rays are deflected B. X-rays are not deflected C. X-rays are sometimes deflected and sometimes not D. Nothing can be said
2	Capacitance is define das	A. VC B. Q/V C. QV D. V/Q
3	Which type of image is produced by the converging lens of human eye if it views a distant object.	A. <div>Real, erect, same size</div> B. <div>Real, inverted, diminished</div> C. Virtual, erect, diminished D. Virtual, inverted, magnified
4	The minimum value of charge on any object is.	A. 1.6×10^{-29} C B. 1.6×10^{-19} C C. 1.6×10^{-9} C D. 1 C
5	Which effect explain the frequency shift that occurs when there is motion sound a listener or both relative to the medium.	A. Early effect B. Doppler's effect C. Hall effect D. Zeeman effect
6	If a force 5 N applied parallel to a moment arm 5 m then torque will be	A. 0 N m B. 5 N m C. 10 N m D. 25 Nm
7	The area between the velocity time graph and the time axis is numerically equal to.	A. Distance moved by the object B. Speed of the object C. Velocity of the object D. Acceleration of the object
8	The critical mass of a fissionable material is.	A. 1 kg B. 10 kg C. 100 kg D. 1,000 kg
9	How does heat transfer between objects.	A. From cold to hot objects B. From hot to cold objects C. By electromagnetic radiations D. From hotter to hottest objects.
10	The amount of charge which can be placed on a conductor does not depend on.	A. The dielectric strength of the surrounding medium. B. Its capacitance C. Its potential D. Its size or shape
11	The path of projectile is maximum at	A. Point of launch B. Highest point C. Point of landing D. Both a and c
12	Who provided theoretical explanation of a blackbody spectrum.	A. Einstein B. Planck C. Wien D. Stefan
13	Which method of charging is involved in making lightning.	A. Induction B. Friction C. Contact D. Convection
14	The mass of an alpha particle is.	A. 2 u B. 4 u C. 6 u D. 8 u
		A. Decreasing speed

15	A negative acceleration does not necessarily imply.	B. An increasing distance C. An increasing speed D. A decreasing distance
16	The path of electron in Rutherford atomic model according to classical theory is.	A. Parabolic B. Straight line C. Spiral D. Circular
17	The thermal inertia of a thermodynamic system is known as its.	A. Entropy B. Enthalpy C. Isothermal conduction D. Adiabatic conduction
18	During solidification the temperature.	A. Remains constant at the freezing point B. Increases at the freezing point C. Decreases at the freezing point D. Decreases at the melting point
19	When light of particular frequency is allowed to fall upon a metal surface electrons are emitted from these emitted electrons are called.	A. Photons B. Holes C. Quants D. Photo electrons
20	The ratio of intensities of two sound waves is 4 : 9 what will be the ratio of their amplitudes.	A. 9:4 B. 2:3 C. 3:2 D. 4:9