

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	When light emitting diode is forward biased, it emits light of the colour	A. Red B. Yellow C. Green D. All of these
2	Absolute zero may be regarded as the temperature of which	A. Water freezes B. All substances are solids C. All gases become liquids D. Molecular motioning a gas would ceases
3	An electric Heater and a fan are marked 1000 W, 250 V and 100 W , 220 V respectively The resistance of fan is.	A. Equal to that of heater B. Greater than that of heater C. Less than that of heater D. Zero
4	Which of the following is not an electromagnetic wave.	A. game rays B. Ultraviolet rays C. Ultrasonic waves D. Microwaves
5	If the gas pressure is increased then its mean free path becomes.	A. More B. Zero C. Infinite D. Less
6	The perpendicular distance between the line of action of forces and the axis of rotation	A. Torque B. Moment arm C. Moment of force D. Momentum
7	Why is an oxide coated filament used in vacuum tube.	A. It has a longer lime B. Irt can with stand high C. It emit electrons at low temperature D. It reduces the effect of space charge
8	Thermal conduction in metals differs from thermal conduction in insulators,. The reasons for this is that , in metals heat can be transported by.	A. Electrons B. Lattice vibrations C. Photons D. Positive ions
9	A fixed pulley is emplyed to	A. Do some work B. Change the direction of force C. Do more work with the same force but without using the pulling D. Have mechanical advantage greater than 1
10	The molecular weight of D2O is	A. 16 B. 18 C. 20 D. 24
11	A body is said to be in translations equilibrium, only if the vector sum of all the forces acting on it becomes.	A. Double B. Zero C. Maximum D. Quadruples
12	A ball is thrown straight up What is its acceleration just before it reaches the highest point.	A. Zero B. slightly less than g C. Exactly g D. Slightly greater than g
13	The process of converting A.C and D.C. is known as	A. Amplification     B. <sub>Filtration</sub> C. Rectification     D. Saturation
14	In an isochoric process.	A. Volume changes     B. Pressure changes     C. Temperature changes

15	On which factor mutual induction of two coils does not depends upon.	A. Number of turns of the coils     B. Area of cross section of the coils     C. Closeness of the coils     D. Shape of the coils
16	The average energy released per fission of U is about	A. 200 eV B. 2 keV C. 2 MeV D. 200 MeV
17	Which electrical component may be used to store electrical energy in a time delay circuit	A. Capacitor B. Light dependent resistor C. Resistor D. Thermistor
18	Which of the following are particle accelerators.	<ul><li>A. Cyclotrons</li><li>B. Synchrotrons</li><li>C. Linear accelerators</li><li>D. All of the above</li></ul>
19	The phenomenon of regular refraction of light illustrates taht.	A. Light is reflected in one direction only B. Light is reflected through a range of different angles C. Light is refracted in one direction only D. Light is refracted through a range of different angles.
20	In water drops rainbows are formed by	A. Reflection B. Refraction C. Dispersion D. All of these