

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Optics is the	<p>A. Scientific study of light and vision</p> <p>B. Scientific study to sound</p> <p>C. Scientific study of time</p> <p>D. Scientific study of fluid</p>
2	In the experiment of force on a current carrying conductor in a uniform magnetic field the magnitude of force depends upon which factor.	<p>A. Force is inversely proportional to current</p> <p>B. Force is directly proportional to current</p> <p>C. Force is inversely proportional to voltage</p> <p>D. Force is directly proportional to voltage</p>
3	The decay process in which an unstable nucleus splits into two fragments of comparable mass is known as.	<p>A. Nuclear fission</p> <p>B. nuclear fusion</p> <p>C. Radioactivity</p> <p>D. Carbon dating</p>
4	Who measured the intensity of emitted energy with wavelength radiated from a blackbody at different temperature.	<p>A. Lummer</p> <p>B. Pringsheim</p> <p>C. stefan</p> <p>D. Both a and c</p>
5	The dimensions of viscosity are	<p>A. [MLT-1]</p> <p>B. [MT-2]</p> <p>C. [ML-1T-1]</p> <p>D. [ML2T-1]</p>
6	The rate of which blood is delivered to the patient in a transfusion depends on	<p>A. Hight of the blood level in the suspended container</p> <p>B. Volume of the container</p> <p>C. Shape of the container</p> <p>D. Material of the container</p>
7	Distance covered by a freely falling body in 2 s will be.	<p>A. 19.6 m</p> <p>B. 4. m</p> <p>C. 39.2 m</p> <p>D. 44.1 m</p>
8	Supplementary units radian and steradian were established for	<p>A. Density</p> <p>B. Viscosity</p> <p>C. electric intensity</p> <p>D. Geometrical quantities</p>
9	The net charge on a condenser is	<p>A. Zero</p> <p>B. Q/2</p> <p>C. 2Q</p> <p>D. Infinity</p>
10	The amount of charge which can be placed on a conductor does not depend on.	<p>A. The dielectric strength of the surrounding medium.</p> <p>B. Its capacitance</p> <p>C. Its potential</p> <p>D. Its size or shape</p>
11	If the average velocity of an object zero in some time interval, the displacement of the object for that interval will be.	<p>A. Infinite</p> <p>B. Zero</p> <p>C. Increasing</p> <p>D. Decreasing</p>
12	The time period of a simple pendulum is independent of its.	<p>A. Length</p> <p>B. Mass</p> <p>C. Acceleration due to gravity</p> <p>D. Restoring force</p>
13	The emission of electrons from a metal surface when exposed to light of suitable frequency is called.	<p>A. Pair production</p> <p>B. Compton effect</p> <p>C. Photo electric effect</p> <p>D. Zeeman effect</p>
14	The advantage of electron tube over a transistor is.	<p>A. Its high efficiency</p> <p>B. Its high gain</p> <p>C. Low consumption of power</p>

		D. Low input impedance
15	Conductance is the reciprocal of.	A. Capacitance B. Inductance C. Resistance D. Admittance
16	Which is the correct statement regarding the nature of light.	A. It has wave nature B. It has particle nature C. It has both wave and particle nature at the same time D. It has wave nature sometime and particle nature at some other time.
17	A force of 20 N is applied on an elastic spring if the extension produced in the springs to cm, the value of spring constant.	A. 2 Nm ⁻¹ B. 20 N m ⁻¹ C. 200 N m ⁻¹ D. 2,000 N m ⁻¹
18	Which of the following is not an electromagnetic wave.	A. gamma rays B. Ultraviolet rays C. Ultrasonic waves D. Microwaves
19	Which temperature is required for the fusion of two nuclides.	A. 10 ⁶ K B. 10 ⁷ K C. 10 ⁸ K D. 10 ⁹ K
20	If the pressure of a gas is doubled, then its thermal conductivity will	A. Increases B. Decreases C. Remain constant D. Be zero