

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Current per unit area is called.	A. Electric potential B. Current density C. Charge density D. Electric intensity
2	How much Ice will melt by 50,000 J of heat.	A. 120 J B. 130 g C. 140 J D. 150 g
3	Which quantity has dimensions different from the others.	A. Energy per unit volume B. Force per unit area C. Angular momentum per unit mass D. Pressure
4	In a cloud chamber the Alpha particles leave	A. Dense, straight and continuous tracks B. Only straight and continuous tracks C. Thin and discontinuous tracks D. Irregular tracks
5	One rem is equal to.	A. <div>0.1 Sv</div> B. 0.01 Sv C. 0.001 Sv D. 0.0001 SV
6	What is the number of degree of freedom of an oscillating simple gravity pendulum	A. 1 B. 2 C. 3 D. 4
7	In case of stationary waves every particle of the medium has fixed	A. Velocity B. Displacement C. Amplitude D. Phase
8	The net charge on a condenser is	A. Zero B. Q/2 C. 2Q D. Infinity
9	Which of the following gases has the maximum rms speed at STP.	A. O2 B. H2 C. N2 D. CO2
10	Which of the following is the ability to hold an electric charge in electromagnetism.	A. Resistance B. Impedance C. Inductance D. Capacitance
11	The variation in the speed of sound with temperature is greater in.	A. Gases B. Metals C. Liquids D. Insulators
12	Which of the following can be used to calculate electrical power.	A. Current x resistance B. Potential difference x current C. Potential difference / current D. Potential difference /resistance
13	Which statement is true about the Magnetic poles.	A. Unlike poles repel B. Like poles attract C. Magnetic poles do not effect each other D. A single magnetic pole does not exist
14	If the resultant of all the forces acting on a body is zero then the body is in	A. Translation equilibrium B. Rotational equilibrium C. Equilibrium D. Dynamic equilibrium
14	If the resultant of all the forces acting on a body is zero then the body is in	B. Rotational equilibrium C. Equilibrium

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15	All the magnetic materials lose their magnetic properties when	A. Dipped in oil B. Dipped in water C. Heated D. Cooled
16	One radian is equal to.	A. 0.1 Gy B. 0.01 Gy C. 0.001 Gy D. 0.0001 gy
17	Which one of the following is not a measure of electric power.	A. Vi B. I2R C. VR2 D. V2/R
18	The power dissipation in a pure inductive or capacitive circuit is.	A. Maximum B. Minimum C. Zero D. Infinity
19	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
20	A 100 kg box is pulled 10 m across a frictionless horizontal surface by a 50 N force The change in the P.E. of the box a	A. 0 J B. 2 J C. 20 J D. 50 J