

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Which of the following is a set of supplementary units.	A. Radian and steradian B. Radian and mole C. Steradian and candela D. Radian and kelvin
2	A choke coil is a coil with	A. Low inductance and low resistance B. Low inductance and high resistance C. High inductance and low resistance D. Low inductance and negligible resistance
3	Waves transfer	A. Frequency B. Velocity C. Energy D. Wavelength
4	One weber is equal to.	A. $N\ A^{-1}$ B. $N\ m^{-1}\ A$ C. $N\ m\ A^{-1}$ D. $N\ m^{-1}\ A^{-1}$
5	When forwarded bias is applied to a junction diode it.	A. Increases the potential barrier B. Decreases the potential barrier C. Reduces the majority carrier current to zero D. Reduces the minority carrier current to zero
6	What is the number of degree of freedom of an oscillating simple gravity pendulum	A. 1 B. 2 C. 3 D. 4
7	Where is the velocity of electrons maximum in a diode.	A. Near the cathode B. Near the anode C. In the space ini between the two electrode. D. It is same throughout the tube
8	A bat while flying determines the location and nature of object in his way by sending.	A. Infrasonic waves B. Ultrasonic waves C. Supersonic waves D. Ultraviolet waves
9	Compton scattering experiment seemed to indicate that radiation had	A. Wave nature B. Particle nature C. Wave particle nature D. X-rays nature
10	The 1st condition of equilibriums satisfied if.	A. Linear acceleration is zero B. Angular acceleration is zero C. The vector sum of all the forces is zero D. The vector sum of all the torque is increase
11	The ratio of inertial mass to gravitational mass is.	A. 1 B. 0.5 C. 2 D. 3
12	x-rays can cause fluorescence in materials such as	A. Cadmium B. Zinc sulphide C. Palatinocyanide D. All of these
13	Two tuning forks have same natural frequency One of them is now loaded with wax. When both the forks are sounded together the will	A. Produce interference B. Produce vibrations C. Remain in resonance D. Produce beats
14	The nuclear model of the atom was derived partly from experiments involving the scattering	A. Chadwick B. Rutherford

ot alpha particles performed by.

C. Anderson
D. Einstein

15 Which of the following devoices are used for measuring temperature.

A. Thermocouples
B. Thermistors
C. Thermometers
D. All of these

16 A fringe is a path of.

A. Constant amplitude
B. Constant phase
C. Same wavelength
D. Constant frequency

17 Which of the following are sources of direct current.

A. Batteries
B. Solare cells
C. Thermocouples
D. All of these

18 Difference between the molar heat capacity constant pressure and that a constant volume is equal to

A. Root mean square velocity
B. Mean free path
C. Boltzmann's constant
D. Universal gas constant

19 Condenser is used

A. To produce charge
B. To change the direction of current
C. To collect the charge
D. As a good conductor of electricity

20 Two wires P and Q each of same length and the same material are connected in parallel to a battery The diameter of P is half that of Q What fraction of the total current passes through P.

A. 0.02
B. 0.25
C. 0.33
D. 0.50