

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The distance between the optical centre and principal focus is	A. Focal plane B. Focal length C. Optical centre D. Principal axis
2	The cosine of the phase angle between the current and voltage in an A.C. circuit is called the	A. Lead factor B. Lag factor C. Dissipation factor D. Power factor
3	A fixed mass of an ideal gas absorbs 1000 J of heat and expands under a constant pressure of 20 kPa from a volume of $25 \times 10^{-3} \text{ m}^3$ to a volume $50 \times 10^{-3}$ The change internal energy of the gas is.	A. 500 J B. 1000 J C. -1000 J D. Zero
4	The equal and opposite forces acting on a body form	A. Angular momentum B. Linear momentum C. Torque D. Couple
5	Which given material is the best for making connecting wires	A. Nichrome B. Iron C. Gold D. Copper
6	An other name for electric P.E per unit charge is.	A. Electric intensity B. Electric field C. Electric potential D. Electric force
7	When forward 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
8	In an A.C. circuit the current.	A. Is in phase with voltage B. Leads the voltage C. Lags the voltage D. Any of these depending upon the circumstances
9	Which of the following quantities is analogous to mass in electricity.	A. Charge B. Potential C. Capacitance D. Inductance
10	A freshly made sample of radioactive material gives a count rate of 8,000 counts per minute After twenty days it gives a count rate of 500 counts per minute What is the half life of the materials.	A. 5 days B. 10 days C. 40 days D. 20 days
11	What type of current is produced by batteries.	A. Direct current B. Alternating current C. Pulsating current D. Convection current
12	A gallium atom is.	A. Monovalent B. Diavalent C. Trivalent D. Pentavalent
13	When a platinum wire is heated of $1600^\circ\text{C}$ , it becomes	A. orange B. Cherry red C. Dull red D. White
14	What kind of movement is dictated by the laws of thermodynamcis.	A. Energy motion B. Heat work C. Light heat D. Energy light

A. May increase the amplitude

15	Resonance phenomenon in a vibrating body	B. May decrease the amplitude C. May not affected the amplitude D. All of the above
16	Two stem engine A and B have their sources at 900 K and 600 K and their sinks are at 450 K and 300 K respectively.	A. They are equally efficient B. A is less efficient than B C. a is more efficient than B D. Their efficiencies cannot be determined
17	A tin film of liquid is enclosed between two glass plates it is difficult to spates the plates on account of.	A. Surface tension B. Atmospheric pressure C. Viscosity D. Friction
18	Which given element has lowest work function	A. Na B. Al C. si D. C
19	The shape of wave front depends on	A. Density of medium B. Shape of medium C. Viscosity of medium D. Length of medium
20	The note of the lowest frequency is called	A. beat B. Overtone C. Fundamental note D. Harmonic note