

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The phenomenon of radioactivity is associated with	A. Decay of nucleus B. Decay of atoms C. Fusion of nuclei D. Emission of electrons
2	The venturimeter is an instrument used for measuring the	A. Viscosity of a liquid B. Flow speed of a liquid C. Compressibility of a fluid D. Specific gravity of a liquid
3	One light year is equal to.	A. 9.46×10^{15} cm B. 9.46×10^{15} m C. 9.46×10^{15} km D. 7.88×10^{14} m
4	Mean free path of gas molecules is inversely proportional to its	A. Volume B. Pressure C. Temperature D. Size
5	What is the necessary condition for Boyle's law to hold good.	A. Isothermal B. Adiabatic C. Isobaric D. Isochoric
6	Why FET amplifiers are called voltage controlled devices.	A. Input is a current signal B. Output is a current signal C. Input is a voltage signal D. Output is a voltage signal
7	Which are different types of emission spectrum	A. Continues spectrum B. Line spectrum C. Band spectrum D. all of the above
8	Which one of the following is an example of a reversible process.	A. Work done against friction B. Heat produced by current C. Melting of ice D. See back effect
9	Lenses are commonly made of.	A. Glass only B. Plastic only C. Glass and clear plastic D. Aluminium
10	Lissajou's figures are used in a Cathode Ray Oscilloscope while measuring.	A. Time period B. Frequency C. Voltage gain D. phase angle
11	The ratio of the rms value of the applied voltage to the rms value of resulting A.C. is called.	A. Reluctance B. Impedance C. Reactance D. Resistance
12	The Circular motion of a particle with constant speed is.	A. Periodic and SHM B. Periodic but not SHM C. linear and SHM D. Neither periodic nor SHM
13	Below which temperature gas can be liquified by increasing its pressure.	A. Natural temperature B. Boyle temperature C. Critical temperature D. Absolute zero
14	Induced current in a circuit depends upon	A. The speed with which the conductor moves in the magnetic field B. Resistance of the loop C. Direction of the loop D. Shape of the loop
15	In which of the following the loss of energy is less.	A. Direct current B. Alternating current

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- 16 Angular simple harmonic motion is.
- A. Periodic rectilinear motion
B. Independent of any applied torque
C. Periodic rotational motion
D. Never defined
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- 17 Radius of the Bohr's orbit is r the radius of second orbit will be.
- A. $2r$
B. $3r$
C. $4r$
D. $8r$
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- 18 A sheet of transparent material with many fine equally spaced lines ruled parallel on its surface is called
- A. Interferometer
B. Grating element
C. Ruler
D. Patch
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- 19 Which materials have exactly zero electrical resistivity.
- A. Metals
B. Insulators
C. Semi conductors
D. Super conductors
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- 20 The sensitiveness of a moving coil galvanometer can be increased by
- A. Decreasing the number of turns of the coil
B. Decreasing the area of the coil
C. Increasing the couple per unit twist of the suspension
D. Increasing the magnetic flux
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