

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The behavior of the gases that can be easily liquefied is like that of the.	A. Triatomic gases B. Ideal gases C. Van der walls gases D. Dia atomic gases
2	A tank 3 m long 1 m wide and 0.5 m deep is filled with oil which weight 12,000 N . The pressure on the base of the tank due to oil is.	A. 1,000 Pa B. 4,000 Pa C. 3,000 Pa D. 6,000 Pa
3	The sum of positive and negative peak values are usually written as.	A. rms value B. p-p value C. Peak value D. Instantaneous value
4	Super conductor are used in	A. Fast computer chips B. Magnetic resonance imaging C. Magnetic levitation trains D. All of the above
5	With high frequencies capacitive reactance	A. Increases B. Decreases C. Becomes double D. Becomes half
6	Intensity of the dark bands in interference pattern becomes zero when two waves.	A. Of light are monochromatic B. Are of the same frequency C. Are of the same amplitude D. Travel in opposite direction
7	The advantage of electron tube over a transistor is.	A. Its high efficiency B. Its high gain C. Low consumption of power D. Low input impedance
8	What is the necessary condition for Boyle's law to hold good.	A. Isothermal B. Adiabatic C. Isobaric D. Isochoric
9	Which one of the following temperature scales is independent of the properties of any particular substance.	A. Kelvin scale B. Gas scale C. Thermodynamic scale D. Celsius scale
10	Which eye defect can be rectified by using diverging lens.	A. Near sightedness B. Far sightedness C. presbyopal D. Astigmatism
11	who gave the law of equipartition.	A. Maxwell B. Carnot C. Claussius D. Boltzmann
12	A point source of light is situated at large distance The nature of the wave front at the point will be.	A. Cylindrical B. Spherical C. Plane D. Ellipical
13	The amplitude of sound wave determines its	A. Pitch B. Loudness C. Reverberation D. Interference
14	One becquerel is equal to	A. Decay of orie radioactive atoms per second B. Decay of 10 radioactive atoms per second C. Decay of 100 radioactive atoms per second D. Decay of infinity radioactive atoms per second.
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15	Which form of electromagnetic radiation is used in RADAR.	A. Long wavelength ultraviolet waves B. short wavelength microwaves C. short wavelength infrared wave D. Long wavelength radiowaves
16	How much Ice will melt by 50,000 J of heat.	A. 120 J B. 130 g C. 140 J D. 150 g
17	A radio tuning capacitor is.	A. Cylindrical capacitorB. Spherical capacitorC. parallel plates capacitorD. Cylindrical condenser
18	Which one of the following is not a dimensionless quantity.	A. Radian B. pi C. Decibel D. Force
19	In an Isolated system, total energy of the vibrating's mass and spring is	A. Low B. High C. Constant D. Variable
20	A heat sensitive resistor is called.	A. ThermistorB. Varibale resistorC. Fixed resistorD. Zero resistor