

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Velocity of sound in any medium deepness upon.	A. Elasticity B. Density C. Volume D. Mass
2	The ration Cv/Cp = y for a diatomic gas like air is	A. 1.29 B. 1.30 C. 1.40 D. 1.67
3	When an object moves with a very high speed the length in the direction of motion.	A. Contracts B. Expands C. Remains the same D. Becomes infinity
4	Who devised a technique for the measurement of change on an electron in 1909	A. Milikan B. Joule C. Ampere D. Ohm
5	What is the overall gain, if three amplifiers each with a gain of 30 are cacaded.	A. 30 B. 90 C. 270 D. 27,000
6	The typical value of forbidden energy gap in germinium is.	A. 0.7 eV B. 1.0 eV C. 1.4 eV D. 10 eV
7	Which one of the following is a neutron absorber	A. Pb B. Cd C. Cu D. Ag
8	Choose the one which acts as single inverter.	A. Common emitter B. common collector C. Common base D. Diode
9	Which given material is the best for making connecting wires	A. Nichrome B. Iron C. Gold D. Copper
10	A LASER beam may be used to measure very large distance because it is.	A. Unidirectional B. Coherent C. Monochromatic D. Massive
11	Which of the following should not change in isothermal operation.	A. Heat constant B. Volume C. Pressure D. Temperature
12	A body of mass 2 kg attached to a spring is pulled to a distance of 4 cm What will be the value of spring constant K.	A. 490 N m-1 B. 980 N m-1 C. 1260 N m-1 D. 1960- N m-1
13	A wire stretches 8 mm under a load of 60 N A second wire of the same material with half the diameter and a quarter of the original length of the first wire, is stretched by the same load What is the extension of the wire.	A. 1 mm B. 4 mm C. 8 mm D. 16 mm
14	Which vector gives the displacement from one point another in space.	A. Null vector B. Position vector C. Unit vector D. Distance vector
15	The potential due to which an electron is lifted from gerund state to excited state is.	A. Potential gradient B. excitation potential C. lonization potential D. Potential difference

16	In projectile motion, the body has	A. One component of velocity B. Two components of velocity C. Three components of velocity D. No component of velocity
17	The electric bulb does not obey Ohm's law because.	A. Current changes B. Resistance changes C. Heat is produced D. All of these
18	The centre of gravity of a rectangular or parallel gram shaped plate is.	A. At the centre B. At the intersection of diagonals C. At the intersection of medians D. At the axis of rotation
19	If we place oure hand below a lighted lamp we feel warmer due to.	A. Conduction B. Convection C. Radiation D. None of these
20	Mosley's law establishes the x rays fluorescence's of target element with its.	A. Atomic weight B. Atomic number C. Density D. Lattice constant