

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The SI unit of radioactivity is.	A. Becquerl B. Curie C. Joule D. rutherford
2	Five joules of work is needed to shift 10 C of charge from one place to another The potential difference between the places is.	A. 0.5 V B. 2 V C. 5 V D. 10 V
3	The phase angle between the voltage and current is A.C. circuit though a resistor is.	A. 0 ^o B. 45 ^o C. 90 ^o D. 180 ^o
4	Candela is the SI base unit of.	A. illuminance B. Luminous flux C. Luminous intensity D. Radiant energy
5	Who discovered the exclusion principle which states that no two electrons can occupy the same quantum mechanical state in a given system.	A. Neils Bohr B. Issac Newton C. Wolfgang Pauli D. Max Planck
6	When a ray of light traveling in a rare medium enters into a denser medium	A. It remains undeviated B. It is reflected back C. It bends towards the normal D. It bends away from the normal
7	Plane polarized light can be produce dby	A. Simple reflection B. Double refrraction C. Scattering of light D. All of these
8	A wire stretches 8 mm under a load of 60 NA 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
9	The surface of a liquid is somewhat similar to a stretched membrane because.	A. There is an elastic stress in the surface B. Tension in the surface increases if the area is increased C. The surface has a natural tendency to contract D. Ripples can be produced on the surface
10	When 5 C of charge flows through a particular resistor 10 J of energy is converted What is the p.d. across the resistor.	A. 0.5 V B. 2.0 V C. 15 V D. 50 V
11	What is the value of earth's magnetics fields.	A. 5 G B. 50 G C. 100 G D. 500 G
12	Who provided theoretical explanation of a blackbody spectrum.	A. Einstein B. Planck C. Wien D. stefan
13	The coulomb's law is valid for the charges which are.	A. Moving and point charges B. Moving and non point charges C. Stationary and point charges D. Stationary and large size charges
14	What is the amount of mechanical work done to melt 1 g of ic completely	A. 4.2 J B. 42 J C. 80 J D. 336 J

15	Why is a capacitor resistor combination used in oscillators in grid circuit.	A. To generate oscillation B. To bias the grid automatically C. To amplify oscillations D. To sustain the oscillations.
16	Which material has the highest magnetic susceptibility.	A. Steel B. Brass C. Iron D. Wood
17	The conductivity of a conductor is independent of the	A. Electric charge B. Electric potential C. Electric field D. Internal resistance
18	A monochromatic light beam when passed through a prism is.	A. Diffracted B. Devlated C. Polarized D. Dispersed
19	The proportion of crystalline to amorphous regions in a polymer depends on its	A. Chemical composition B. Molecular arrangement C. Physical state D. Chemical composition and molecular arrangement
20	The reverse process of vector addition is called	A. Negative of a vectorB. Subtraction of vectorsC. Resolution of vectorsD. Multiplication of vector