

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	What units are used to rate electrical fuses.	A. Volts B. Ampere C. Watts D. Hertz
2	The most abundant isotope of neon is.	A. Neon -20 B. Neon -21 C. Neon -22 D. Both a and c
3	What is the necessary condition for Boyle's law to hold good.	A. Isothermal B. Adiabatic C. Isobaric D. Isochoric
4	Who discovered a phenomenon of thermos electricity.	A. Peltier B. Joule C. Seebeck D. thomson
5	Wave mechanics was introduced by	A. G.P. Thomson B. De-Broglie C. Heisenberg D. Max Planck
6	A ball mass 0.25 kg is thrown to a height of 20 m The change in G.P.E is	A. 49 J B. 50 J C. -75 J D. 500 J
7	The internal inertia of a thermodynamics system is known as.	A. Enthalpy B. Entropy C. Isotherm D. Adiabatic
8	In which temperature range water decreases in volume with increasing temperature.	A. From 0 $^{\circ}$ C to 4 $^{\circ}$ C B. from 0 $^{\circ}$ C to 10 $^{\circ}$ C C. from 50 $^{\circ}$ C to 100 $^{\circ}$ C D. from 75 $^{\circ}$ C to 100 $^{\circ}$ C
9	Which term best describes the nature of light from modern view point.	A. Waves B. Rays C. Particles D. Photons
10	A heater which is to be used on a 250 V mains circuit, has a 5 A fuse in its plug Which of the following is the most powerful heater that can be used with this fuse.	A. 150 W B. 500 W C. 1,000 W D. 2,000 W
11	A negative magnification always means the the image is.	A. Erect B. Real C. Virtual D. Inverted
12	The work done in moving a very small charge in an electric field from one point to another is	A. Independent of the path B. Equal to the potential difference between the two points. C. Measured in V m-1 D. Measured in J c-1
13	When a solid is melting the temperature remains constant even though heat is being supplied because the	A. Heat is being used to break up the intermolecular bonds B. Solid is not absorbing any heat C. Molecules are moving faster D. Molecules are farther apart
14	A wave reflected from the boundary of a denser medium will have phase change	A. 45 $^{\circ}$ B. 60 $^{\circ}$ C. 90 $^{\circ}$

15 at room temperature the p.d. between the two sides of depletion region for silicon is of the order of.

A. 0.3 V
B. 0.5 V
C. 0.7 V
D. 0.9 V

16 Persistence of vision is the phenomenon of the eye by which an afterimage is thought to persist for approximately one twenty fifth of a second on the.

A. Retina
B. Heart
C. Mind
D. Liver

17 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

18 Abu Abdullah ibn Jaber Al Battani was the greatest

A. Philosopher
B. Mathematician
C. Astronomer
D. Palmist

19 An ideal voltage source has zero.

A. Current
B. Electromotive force
C. Voltage
D. Internal resistance

20 A straight copper wire is moved in a uniform magnetic field such that it cuts the magnetic lines of force then.

A. emf will not be induced
B. emf will be induced
C. sometimes emf will be induced and sometimes not
D. The number of turns in the coil increases