

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	What will be the effect on the speed of a Transerv wave in a string. If tension is made 4 times.	A. Remains the same B. Increase a times C. Becomes double D. Becomes 3 times
2	LASER beam my be measure very large distance because it is.	A. Inidirectional B. coherent C. Monochromatic D. Not absorbed
3	A structure that is intermediate between order and disorder is.	A. glassy solids B. Polymeric solids C. Amorphous solids D. Crystalline solids
4	A metallic rod is continuously heated at its two ends, The heat following through the rod does not depend upon.	A. Mass of the upon B. Area of cross section of the rod C. Temperature gradient between two ends D. Time for which heat flow through the rod
5	Rainbows and mirage are formed by	A. Reflection only B. Refraction only C. dispersion only D. A combination of refraction, total internal refraction and dispersion
6	Which of the following is a transport optical element with flat polished surfaces that refract light.	A. Monocole B. Axicon C. Prism D. Lens
7	Light entering glass will not suffer change in	A. Wavelength B. Direction C. Velocity D. Frequency
8	The particles less in mass than protons are	A. Measons B. Bosons C. Baryons D. Nucleons
9	the alpha particle does not travel for enough in air.	A. Due to its intense ionization B. Due to its large mass C. Due to its high charge D. Due to its Hight Ionization
10	The internal energy of monoatomic gas is.	A. $3/2 RT$ B. Independent of temperature C. In the form of K.E. D. Partially kinetic and partially potential
11	Though the wavelength of X-rays is smaller than that of visible light yet the speed of X-rays in vacuum is.	A. longer that that of visible light B. Smaller than that of visible light C. Same as that of visible light D. Unpredictable
12	What is the effect on the product of resistivity and conductivity if the temperature of a conductor is increased.	A. It decreases B. It increases C. It remains the same D. It may increase or decrease
13	The hydrogen filled balloon possesses	A. P.E B. K.E C. Heat energy D. Elastic energy
14	The specific heat capacity of the body depends upon.	A. the heat given to it B. Mass of the body C. Temperature raised D. Material of the body

15 Prince Louis and vector de Broglie got Nobel Prize for their work on.
A. The dual nature of particles
B. The wave nature of particles
C. the corpuscular nature of particles
D. All of the above

16 Which one of the following has maximum frequency.
A. Visible light
B. Gama rays
C. Ultraviolet rays
D. Infrared rays

17 A bus and a car moving with the same K.E. are acted upon by the same retarding force then the
A. car will stop first
B. Bus will stop first
C. Both will stop simultaneously
D. Both will never stop

18 The binding energy per nucleon for uranium is about.
A. 7.7 MeV
B. 9.6 MeV
C. 13.6 MeV
D. 21.6 MeV

19 The input exultation for a JFET is
A. Current signal
B. Voltage signal
C. Voltage and current signals
D. Neither voltage nor current signal

20 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