

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The point midway between the lens surface on its participial axis	A. Optical centre B. Principal focus C. Focal plane D. Focal length
2	A fringe is a path of.	A. Constant amplitude B. Constant phase C. Same wavelength D. Constant frequency
3	A body of mass 1 kg hanging with a spring of spring constant 60 N m-1 is rotation in a horizontal circle The values of angular frequency will be.	A. 80 .94 Hz B. 89. 4 Hz C. 98. 4 Hz D. 108 . 6 Hz
4	The speed of bodies exceeding the speed of sound is called.	A. Superesonic B. Ultrasonic C. Infrasonic D. Super fast
5	A rocket propulsion is based on the principle of.	A. Conservation of momentum B. Conservation of mass C. Conservation of energy D. Floatation
6	The mains frequency in Pakistan is	A. 20 Hz B. 50 Hz C. 40 Hz D. 60 Hz
7	Why an even Carnot engine Carnot give 100% efficiency.	A. We cannot find ideal sources B. We cannot eliminate friction C. We cannot reach absolute zero temperature D. We cannot remove heat
8	In case of longitudinal waves the individual particles of the medium move.	A. In circles B. In ellipses C. Parallel to wave propagation D. Perpendicular to wave propagation
9	A force of 50 N acts on a body for 10 s the change in momentum will be.	A. 5 N s B. 200 Ns C. 500 Ns D. 800 N s
10	According to Coulomb's law what happens to the attraction of two oppositely charged objects as their distance of separation increases.	A. Increase B. Decrease C. Remain unchanged D. Cannot be determined
11	Oscillatory motion is always under	A. An applied force B. Restoring force and inertia C. A periodic force D. A gravitational force
12	What is the term for an motion of charge from one region to another.	A. electric charge B. Electric current C. Electric field D. Electric potential
13	Which of the following is used for reducing spherical aberrations in optical instruments.	A. Plano convex lens B. Concave lens C. Spherical mirrors D. Piane mirrors
14	Since light rays are always diverged by concave lenses such lenses	A. Cannot form images B. Form only black and white images C. From only invented image D. Form only erect images
15	In compound microscope, image formed by the eyepiece is	A. Real B. Invented C. Erect

		D. Diminished
16	When a solid is melting the temperature remains constant even through 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 a part
17	Wave mechanics was introduced by	A. G.P. Thomson B. De-Broglie C. Heisenberg D. Max Planck
18	Nuclear force as compared to electrostatic force is.	A. Weaker and long rangeB. Weaker and short rangeC. Stronger and longer rangeD. Stronger and short range
19	Beta decay may occur by	A. Beta minusB. Beta PlusC. Electron captureD. All of these
20	The lowest stress at which strain increases in stress in called.	A. elastic limit B. Plastic limit C. Yield point D. Bulk strength