

Simple Harmonic Motion and Waves

Sr	Questions	Answers Choice
1	The way of doing business by using web is called:	A. Sources of entertainment <o:p></o:p> B. Web business <o:p></o:p> C. E-commerce <o:p></o:p> D. E-mail <o:p></o:p>
2	In CD presence of pits is indicated by:	A. 0 B. 2 C. 3 D. 1
3	In there is no extension in the spring then this positon is called	A. Equilibrium position B. Unequilibrium C. Nautral equilibrium D. Stable equilibrium
4	The time required to complete one round trip (vibration) abut mena position is called:	A. Time period B. Freqency C. Amplitude D. None of these
5	If the length of a simple pendulum is halved its time period will become:	A. T/2 B. T = T/√2 C. √2T D. 2T
6	The motion in which the friction reduces the mechanical energy of the system as times passes and the amplitude of motion reduces is called:	A. SHM B. Randum motion C. Damped motion D. None of these
7	The displacement produced in the spring directly proportional to force is called:	A. Hook's law B. Boyle's law C. Newton's law D. both 'b' and 'c'
8	If the distance is nspring is 'x' of mass 'm' attached with a spring then restoring force is:	A. F =ma B. F =kx C. F = mx D. F= m/a
9	The waves in which particle of the medium vibrate parallel to the direction of waves are called	A. Longitudinal waves B. Transverse waves C. Electromagnetic waves D. both b and c
10	Time period is reciprocal of:	A. Frequency B. Cycle C. Wavelength D. Amplitude
11	The energy is transferred from one place to another:	A. Through matter B. Thouth waves C. both a and b D. None of these
12	The water waves after striking the hurdle will:	A. Reflect B. Refract C. Diffract D. All a, b, c
13	waves whose speed is equal to speed of light are:	A. X-rays B. sound rays C. electromagnetic waves D. shock waves
14	Floppy has a storage capacity	A. 4-5 MB B. 3-4 MB C. 1-3 MB D. 3-6 MB

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15	How many possible solutions are there for a prblem?	A. One B. Two C. Three D. Multiple
16	If a wave moves in a slinky spring with frequency of 4Hz and wave length of 0.4m, the speed of the wave will be:	A. 1.0 ms-1 B. 1.2 ms-1 C. 1.4 ms-1 D. 1.6 ms-1
17	Thye Water waves obey the laws of	A. Reflection B. Refraction C. Diffraction D. All of these
18	A large ripple tank with a vibrator working at a frequency of 30 Hz produces 25 complete waves in a distance of 50 cm. The velocity of the wave is:	A. 53
19	BASIC is a:	A. High level language B. Low level language C. Assembly language D. Machine Language
20	With broadband information can be loaded:	A. In 1 min<0:p> B. In 1 sec<0:p> C. In 1 day<0:p> D. In 1 day<0:p> D. In 2 days<0:p>