Physics ICS Part 1 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	In order of produce beat, the two sound waves should have.	A. The same amplitude B. Slightly different amplitude C. Slightly different frequencies D. The same frequency
2	If amplitude of wave is doubled the energy becomes.	A. Four times B. Half C. Twice D. Six times
3	Ratio of the fundamental frequency of an open end and closed end organ pipe of same length is.	A. 2 : 1 B. 1 : 2 C. 1 : 1 D. 4 :1
4	A stationary wave is established in a string which vibrates infour segments at a frequency of 120 Hz. Its fundamental frequency is.	A. 30 Hz B. 15 Hz C. 60 Hz D. 480 Hz
5	The particles of medium in longitudinal wave vibrate direction of propagation	A. Parallel B. Perpendicular C. Upward D. None of these
6	The portion of wave below the mean position is called.	A. Crest B. Trough C. Frequncy D. Wave Length
7	The distance between two consecutive throughs is.	A. Frequency B. Wave front C. Wave Length D. Speed
8	At the closed end of an air column there exist	A. Node B. Anti node C. Crest D. Trough
9	The beats are result of.	A. Interference B. Superposition C. Destructive interference D. Constructive and destuctive interference
10	A one meter long string establishes two loops waves length of the wave is.	A. 1 m B. 0.5 m C. 0.25 m D. 2 m
11	The compressions and elongations are formed in.	A. Particle waves B. Longitudinal waves C. Statinary waves D. Transverse waves
12	If the tension of a stretched string is made four times, then the velocityof wave.	A. Remain same B. Is halved C. Becomes twice D. Becomes 4 times
13	Open end of an organpipe act as.	A. Node B. Anti Node C. Crest D. Trough
14	The wave is used to transfer.	A. Energy B. Mass C. Weight D. Frequency
		A. Waves that move with a constant velocity

15	Stationary waves are define das.	B. Waves that move with a changing velocity C. Waves that oscillate ina fixed position D. Waves that propagate through a medium
16	If 30 waves per second pass through a medium at speed of 30 ms-1, the wavelength is.	A. 30 m B. 15 m C. 900 m D. 1 m
17	High rrequency radio waes used in radars travel in water.	A. Few centimeter B. Few meter C. Few kilometer D. No Distance
18	Two identical waves moving in same direction produce.	A. Beats B. Interference C. Stationary D. Diffraction
19	The ripple tank is used to study various features of	A. Wave B. Particle C. Light D. Sound
20	In transverse waves, the particles vibrate.	A. Parallel B. Perpendicular C. Opposie D. Anti Parallel