Physics ICS Part 1 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	Open end of an organpipe act as.	A. Node B. Anti Node C. Crest D. Trough
2	The ripple tank is used to study various features of	A. Wave B. Particle C. Light D. Sound
3	Two identical waves moving in same direction produce.	A. Beats B. Interference C. Stationary D. Diffraction
4	Portion of the transverse waves above the men position is	A. Crest B. Through C. Amplitude D. Wave length
5	Waves produced over sgtrings are.	A. Stationary waves B. Mechanical Waves C. Standing waves D. Both a and c
6	In transverse waves, the particles vibrate.	A. Parallel B. Perpendicular C. Opposie D. Anti Parallel
7	Diffraction effect is.	A. More for a round edge B. Less for a round edge C. More for a sharp edge D. Less for a blunt edge
8	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
9	The portion of wave below the mean position is called.	A. Crest B. Trough C. Frequncy D. Wave Length
10	The path difference is an odd integral multiple of half wavelength is for	A. Constructie interferece B. Destructive interference C. Both a and b D. Beats
11	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
12	Beats can be heard when differecne of frequency is not more than.	A. 10 Hz B. 8 Hz C. 4 Hxz D. 6 Hz
13	What type of waves do headphones use to produce sound	A. Electromagnetic waves B. Mechancial waves C. Pressure waves D. Longitudinal waves
14	Stationary waves are define das.	A. Waves that move with a constant velocity B. Waves that move with a changing velocity C. Waves that oscillate ina fixed position D. Waves that propagate through a medium

15	In number of nodes in open end organs pipes are 'N' THEN THE NUMBER OF ANTINODES ARE.	A. N B. N+1 C. N - 1 D. N - 2
16	Crests and Troughs are formed in	A. Stationalry waves B. Matter waves C. Mechaemical waves D. Transverse waves
17	At the closed end of an air column there exist	A. Node B. Anti node C. Crest D. Trough
18	Which one of the following medium cna transmit both transverse and longitudinal wave.	A. Liquid B. Solid C. gas D. Both a and b
19	The principle of superposition in waves is stated as.	A. The displacemnt of wave is the sum of the displacement of its individual components B. The velocity of a wave is the product of its indivisudla components C. The frequency of a wave is the differecne of tis individual componetns D. The amplitude of a wave is the rato of its individual components
20	The beats are result of.	A. Interference B. Superposition C. Destructive interference D. Constructive and destuctive interference