

Physics ICS Part 1 Chapter 7 Online Test

0	Outstand	Annuary Oh .
Sr	Questions	Answers Choice
1	The result of constructive interference between two waves is represented as.	A. A. A decrease in amplitude B. An increase in amplitude C. No change in amplitude D. A shift in phase
2	The Doppier Effect used in astronomy is for.	A. Measuring the diameners of stars B. Determing velocity of galaxies C. Analyzing properties of black holes D. Studying behaviour of electromagnetic waves
3	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
4	Two identical waves moving in same direction produce.	A. Beats B. Interference C. Stationary D. Diffraction
5	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
6	High rrequency radio waes used in radars travel in water.	A. Few centimeter B. Few meter C. Few kilometer D. No Distance
7	If the amplitude of the wave is tripled. then the amount of energy is increased by	A. 3 times B. 6 times C. 9 times D. 12 times
8	Radar System is an application of.	A. Interference B. Beats C. Stationary waves D. Doppler's Effect
9	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
10	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 difference of tis individual componetns D. The amplitude of a wave is the rato of its individual components
11	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
12	If 20 waves pass through medium in one second with a speed of 20 m/sec than wavelength is	A. 1 m B. 10m C. 20m D. 2 m

13	The bending of waves around an obstacle is called.	A. Refraction B. Reflection C. Diffraction D. Interference
14	The portion of wave below the mean position is called.	A. Crest B. Trough C. Frequncy D. Wave Length
15	The waves produced due to oscillation of electric and magnetic fields are.	A. E.M. Waves B. Mechanicla waves C. Sound waves D. Light waves
16	The particles of medium in longitudinal wave vibrate direction of propagation	A. Parallel B. Perpendicular C. Upward D. None of these
17	The path difference is an integral multiple of wavelength in	A. Constructive intrference B. Constructive and destructie interference C. destructive intereference D. Superposition
18	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
19	The ripple tank is used to study various features of	A. Wave B. Particle C. Light D. Sound
20	Beats can be heard when differecne of frequency is not more than.	A. 10 Hz B. 8 Hz C. 4 Hxz D. 6 Hz