Sound

Sr	Questions	Answers Choice
1	The force applied on the mass attached with a spring is represented by:	A. f_a<o:p></o:p> B. f_c<o:p></o:p> C. f_{ext<o:p></o:p>} D. f_s<o:p></o:p>
2	The speed of sound in iron at 25 ^{o}C is ms^{-1}	A. 5950 B. 5900 C. 6950 D. 6940
3	After how much time the echo must be heard?	A. 0.1 s B. 0.10 s C. 0.20 s D. 0.50 s
4	1 MB =	A. 1022KB<o:p></o:p> B. 1023KB<o:p></o:p> C. 1024KB<o:p></o:p> D. 1025KB<o:p></o:p>
5	What is fitted in telephone receiver:	A. Electromagnet<o:p></o:p> B. Diaphragm<o:p></o:p> C. Both a and b<o:p></o:p> D. None<o:p></o:p>
6	the number of waves passing through a point in one second is called:	A. time period<o:p></o:p> B. cycle<o:p></o:p> C. frequency<o:p></o:p> D. amplitude<o:p></o:p>
7	The advantages of electronic mail are:	A. Fast communication<o:p></o:p> B. Cost free service<o:p></o:p> C. More efficient<o:p></o:p> D. All of these<o:p></o:p>
8	the unit of frequency is:	A. hertz<o:p></o:p> B. vibration per second<o:p></o:p> C. cycle per second<o:p></o:p> D. all a, b and c<o:p></o:p>
9	The unit of intensity of sound:	A. wm⁻¹ B. wm C. wm⁻²

		D. wm⁻³
10	Which is an example of a longitudinal wave?	A. Sound wave B. Light wave C. Radio wave D. Water wave
11	The example of shock absorber of the vehicles are:	A. Simple harmonic motion B. Vibratory motion<o:p></o:p> C. Damped motion<o:p></o:p> D. Linear motion<o:p></o:p>
12	The speed of sound in the air at one atmospheric pressure at room temperature is:	A. 343 ms-1 B. 346 ms-1 C. 349 ms-1 D. 339 ms-1
13	The ration of external force applied on the spring to displacement is called:	A. Hooke's law<o:p></o:p> B. Constant<o:p></o:p> C. Spring constant<o:p></o:p> D. Force<o:p></o:p>
14	The intensity of lawn mover is:	A. 10⁻¹ wm⁻² B. 10⁻²wm⁻² C. 10⁻¹wm⁻³ D. 10⁻³wm⁻²
15	Radio waves are:	A. Longitudinal waves<o:p></o:p> B. Transverse waves<o:p></o:p> C. Electromagnetic waves<o:p></o:p> D. All of these<o:p></o:p>
16	The waves which travel in straight line through space and have strong signals are called:	A. Micro waves<o:p></o:p> B. Mechanical waves<o:p></o:p> C. Light waves<o:p></o:p> D. Magnet waves<o:p></o:p>
17	High pitch means:	A. High wavelength B. High frequency C. High time period D. High energy
18	In simple pendulum motion, restoring force is provided by:	A. Air resistance<o:p></o:p> B. Tension in the string<o:p></o:p> C. Inertia<o:p></o:p> D. Weight of the body<o:p></o:p>
19	At mean position kinetic energy of the ball is:	A. Minimum<o:p></o:p> B. Zero<o:p></o:p> C. Maximum<o:p></o:p> D. 10 J<o:p></o:p>
20	the water waves after striking the hurdle will:	A. reflect<o:p></o:p> B. refract<o:p></o:p> C. diffract<o:p></o:p> D. all a b and c<o:p></o:p>