Simple Harmonic Motion and Waves

Sr	Questions	Answers Choice
1	The product of frequency (f) and wavelengthλ is equal to:	A. Time period B. Amplitude C. Wave speed D. Wave energy / frequency
2	In there is no extension in the spring then this positon is called	A. Equilibrium position B. Unequilibrium C. Nautral equilibrium D. Stable equilibrium
3	First voice signal was transmitted in the form of electrical signal in:	A. 1870<o:p></o:p> B. 1875<o:p></o:p> C. 1876<o:p></o:p> D. 1880<o:p></o:p>
4	Floppy has a storage capacity	A. 4-5 MB B. 3-4 MB C. 1-3 MB D. 3-6 MB
5	The oscillations of a system in the presence of _____ force are called amp oscillations:	A. Resistive force B. Attractive force C. Both of these D. None of these
6	The waves in which particles of the medium vibrate perpendicular to the directions waves are:	A. Electromagnetic waves B. Sound waves C. bothe a and b D. Transverse waves
7	When a body moves to and fro about a point its motion is called:	A. Random motion B. Linear motion C. Vibratory motion D. Rotatory motion
8	BASIC is a:	A. High level language B. Low level language C. Assembly language D. Machine Language
9	In CD presence of pits is indicated by:	A. 0 B. 2 C. 3 D. 1
10	Thye Water waves obey the laws of	A. Reflection B. Refraction C. Diffraction D. All of these
11	To get a design on the computer screen by moving a pointer with the help of mouse is called:	A. word processing B. graphic designing C. data managing D. telecommunication
12	Program up gradation refers to:	A. Program enhancement B. Program identification C. Program development D. Program implementation
13	The maximum displacement from mean position is called:	A. Maximum height B. Time period C. Amplitude D. Intervel
14	Which of the following is an example of simple harmonic motion ?	A. Motion of the simple pendulum B. The motion of ceiling fan C. The spining of the Earth on its axis D. A bouncing ball on a floor

15	How many possible solutions are there for a prblem?	A. One B. Two C. Three D. Multiple
16	The vacuum all electromagnetic wave have the same	A. speed B. frequency C. amplitude D. wavelength
17	Formula for time period of spring mass system is represented by:	A. T = 2π√m/k B. T = 2π √k/m C. T = 1/2π√k/m D. T = 1/2π√m/k
18	The unit of spring constnat is:	A. m B. kg C. Nm² D. Nm⁻¹
19	Which of the following devices can be used to produce both a transverse and longitudinal waves?	A. A string B. A ripple tank C. A helical spring D. A tuning fork
20	Which is not a hardware:	A. CPU<o:p></o:p> B. Window<o:p></o:p> C. Keyboard<o:p></o:p> D. Mouse<o:p></o:p>