

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	When a heavy nucleus splits into, lighter nuclei, the process would .	<p>A. Release nuclear energy</p> <p>B. Absorb nuclear energy</p> <p>C. Release chemical energy</p> <p>D. Absorb chemical energy</p>
2	A positive electric charge:	<p>A. Attracts other positive charge</p> <p>B. Repels other positive charge</p> <p>C. Attracts a neutral charge</p> <p>D. Repels a neutral charge</p>
3	The energy is transferred from one place of another:	<p>A. through matter</p> <p>B. through waves</p> <p>C. both a and b</p> <p>D. through vacuum</p>
4	Magnification of mirror is given by:	<p>A. $m=p/q$</p> <p>B. $m=q/p$</p> <p>C. $m=pxq$</p> <p>D. $m=1/p+q$</p>
5	The current which does not change its direction is called:	<p>A. A.C</p> <p>B. D.C</p> <p>C. Conventional</p> <p>D. Transient current</p>
6	Two charged spheres are separated by 2 mm. Which of the following would produced the greatest attractive force?	<p>A. +1 q and +4q</p> <p>B. -1 q and -4q</p> <p>C. +2 q and +2q</p> <p>D. +2 q and -2q</p>
7	It is used in satellite communication:	<p>A. Radio waves</p> <p>B. Micro waves</p> <p>C. Light waves</p> <p>D. Electrical waves</p>
8	Positive charge can be produced by:	<p>A. Combing in hair</p> <p>B. Rubbing glass rod on silk</p> <p>C. By rubbing ebonite rod on wool</p> <p>D. By rubbing glass rod wool</p>
9	with the increase in temperature the resistance of pure metals:	<p>A. increases</p> <p>B. decreases</p> <p>C. remains same</p> <p>D. none of these</p>
10	In simple Harmonic motion, the acceleration of the body is _____ proportional to the displacement.	<p>A. Inversely</p> <p>B. Directly</p> <p>C. Equally</p> <p>D. None of these</p>
11	1 KB = _____	<p>A. 1022 bytes</p> <p>B. 1023 bytes</p> <p>C. 1024 bytes</p> <p>D. 1025 bytes</p>
		<p>A. 0.1 s</p>

12	After how much time the echo must be heard?	B. 0.10 s C. 0.20 s D. 0.50 s
13	The mirror whose outer surface is reflecting is called:	A. Concave mirror B. Convex mirror C. Lens D. Mirror
14	Nuclear fission was first observed in	A. 1936 B. 1937 C. 1938 D. 1939
15	When you rub a plastic rod against your hair several times and put it near some bits of paper, the pieces of papers are attracted towards it. What does this observation indicate:	A. The rod and the paper are oppositely charged B. The rod acquires a positive charge C. The rod and the paper have the same charges D. The rod acquires a negative charge
16	The shape of magnetic lines of force in case of a straight current carrying conductor is:	A. Elliptical B. Triangular C. Rectangular D. Circular
17	The basic operations performed by a computer are.	A. arithmetic operations B. non arithmetic operations C. logical operation D. both a and c
18	The sound waves are the example of:	A. Longitudinal waves B. Transverse waves C. Electromagnetic waves D. x-rays
19	The maximum displacement from mean position is called:	A. Maximum height B. Time period C. Amplitude D. Interval
20	In a vacuum all electromagnetic waves have the same:	A. Speed B. frequency C. amplitude D. wavelength