

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	In electric motor, the brushes are made of:	A. Lead B. Graphite C. Iron D. Wood
2	The water waves after striking the hurdle will:	A. Reflect B. Refract C. Diffract D. All a , b, c
3	When a ray of light enters from denser medium to rare medium, the angle of incidence for which angle of refraction is 90° is called:	A. angle of incidence B. critical angle C. angle of refraction D. None of these
4	a fuse is connected in series with:	A. neutral wire B. live wire C. earth wire D. cable wire
5	AND gate can be formed by using two:	A. NOT gates B. OR gates C. NOR gates D. Nand gates
6	Current is equal to:	A. IR^2 B. CV C. Q/t D. IR
7	The resistance of conductors is due to:	A. Protons B. Fixed atoms C. Molecules D. Neutrons
8	The equivalent resistance in parallel combination is:	A. $R_c = R_1 + R_2 + R_3 + \dots + R_n$ B. $R_c = 1/R_1 + 1/R_2 + 1/R_3 + \dots + 1/R_n$ C. a and b D. None of these
9	What does a switch do:	A. Oppose the current B. Open and close the circuit C. Store energy D. Provide voltage
10	When frequency of sound wave is increased, which of the following decreases? i) Wavelength ii) Period iii) Amplitude	A. i only B. (iii) only C. i and ii only D. i and iii only
11	The voltage is decreased by:	A. Step-up transformer B. Step-down transformer C. A.C. generator D. D.C. Motor
12	The output of a two input NOR gate is 1 when:	A. A is 1 and B is 0 B. A is 0 and B IS 1 C. Both A and B are 0 D. Both A and B are 1
13	The brain of any computer system is:	A. CUP B. Monitor C. Memory D. C.U
14	The pitch of a sound is most closely related to its:	A. Wave form B. Period C. Amplitude D. Frequency

15	Which instrument is used to measure current, resistance and potential difference:	A. Galvanometer B. Digital meter C. Voltmeter D. Ammeter
16	In computer terminology information means:	A. Any data B. Raw data C. Processed data D. Large data
17	The disturbance travelling in a medium is called:	A. Wave motion B. Simple harmonic motion C. Motion D. both a and b
18	George Boole invented:	A. Boolean algebra B. Arithmetic algebra C. Mean algebra D. Geometry
19	Which frequency is used by elephants to communicate with each other:	A. Zero frequency B. Low frequency C. Medium frequency D. High frequency
20	According to Ohm's law $V = \underline{\hspace{2cm}}$	A. $I^2 R$ B. IR^2 C. IR D. I/R