

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	A 3Ω resistor having 2A current will dissipate the power of:	<p>A. $12W$</p> <p>B. $4W$</p> <p>C. $6W$</p> <p>D. $8W$</p>
2	1 Nano farad is equal to:	<p>A. $1 \times 10^{-12} F$</p> <p>B. $1 \times 10^9 F$</p> <p>C. $1 \times 10^{-9} F$</p> <p>D. $1 \times 10^{-6} F$</p>
3	If the field is stronger than lines of force are to each other:	<p>A. Far away</p> <p>B. Separated</p> <p>C. Closer</p> <p>D. No effect</p>
4	Which component is output device of computer?	<p>A. CPU</p> <p>B. C.D</p> <p>C. Keyboard</p> <p>D. Monitor</p>
5	Which of the following is an example of simple harmonic motion ?	<p>A. Motion of the simple pendulum</p> <p>B. The motion of ceiling fan</p> <p>C. The spinning of the Earth on its axis</p> <p>D. A bouncing ball on a floor</p>
6	Who developed the 1st practical electric battery:	<p>A. Alessandro volta</p> <p>B. Faraday</p> <p>C. Newton</p> <p>D. None of these</p>
7	According to Fleming's left hand rule the direction of force on the conductor is given by:	<p>A. Thumb</p> <p>B. Fore finger</p> <p>C. Middle finger</p> <p>D. None of these</p>
8	Electronics is a branch of:	<p>A. Mass</p> <p>B. Applied Physics</p> <p>C. Mechanics</p> <p>D. Nuclear Physics</p>
9	The output of a NAND gate is 0 when:	<p>A. Both of its inputs are 0</p> <p>B. Both of its inputs are 1</p> <p>C. Any of its inputs is 0</p> <p>D. Any of its inputs is 1</p>
10	Isotopes are atoms of same element with different :	<p>A. Atomic mass</p> <p>B. Atomic Number</p> <p>C. Number of proton</p> <p>D. Number of Neutron</p>
11	The screen of a cathode ray tube consists of a thin layer of:	<p>A. Sodium</p> <p>B. Nitrogen</p> <p>C. Oxygen</p> <p>D. Phosphorus</p>
12	A transformer has $N_p = 100$ and $N_s = 500$, if 6 volt D.C is applied across its primary,	<p>A. 0 V</p> <p>B. 30 V</p>

	the induced voltage.	C. 45 V D. 60 V
13	The loudness of sound is most closely related to its:	A. Frequency B. Period C. Wavelength D. Amplitude
14	If we double both the current and the voltage in a circuit while keeping its resistance constant, the power:	A. Remains unchanged B. Halves C. Doubles D. Four times
15	The totally reflecting prism one angle is of:	A. 45° B. 90° C. 180° D. 120°
16	What does the term e-mail stand for?	A. Emergency mail B. Electronic mail C. extra mail D. external mail
17	the substance in which electric current flows easily is called:	A. transistor B. semiconductor C. insulator D. conductor
18	A thermistor is a dependent resistors:	A. Heat B. temperature C. energy D. mass
19	Which is an example of a longitudinal wave?	A. Sound wave B. Light wave C. Radio wave D. Water wave
20	Capacitors are used to store:	A. Current B. Voltage C. Charge D. Resistance