Current Electricity

Sr	Questions	Answers Choice
1	Example of mechanical waves is:	A. Radio waves<o:p></o:p> B. X-rays<o:p></o:p> C. Light waves<o:p></o:p> D. Sound waves<o:p></o:p>
2	Which of the following quantities is not change during refraction of light:	A. Its direction<o:p></o:p> B. Its speed<o:p></o:p> C. Its frequency<o:p></o:p> D. Its wavelength<o:p></o:p>
3	The point through which rays of light pass after reflection from concave mirror is called principal:	A. Focus<o:p></o:p> B. Circle<o:p></o:p> C. Axis<o:p></o:p> D. Radius<o:p></o:p>
4	The speed of sound in a liquid is ……..than that in gases:	A. Ten times<o:p></o:p> B. Fifteen times<o:p></o:p> C. Five times<o:p></o:p> D. Two times<o:p></o:p>
5	Which combination forms NAND gate:	A. AND & OR<o:p></o:p> B. AND & NOT<o:p></o:p> C. NOT & OR<o:p></o:p> D. NAND & NOT<o:p></o:p>
6	The property of substance, which opposes the flow of current through it is called.	A. Resistance B. Reactance C. Resistivity D. None of these
7	The equivalent resistance of a parallel combination is	A. equal to sum of all resistance B. is greater than the largest resistance of combination C. is smaller than the smallest resistance of combination D. All of these
8	In mathematical form of Ohm's law, "R" is:	A. Resistance B. Specific resistance C. Resistor D. Resistivity
9	If a ray of light in glass is incident on an air surface at an angle greater than the critical angle, the ray will:	A. Refract only<o:p></o:p> B. Reflect only<o:p></o:p> C. Partially refract and partially reflect<o:p></o:p> D. Diffract only<o:p></o:p>
10	What is the power rating of a lamp connected to a 12 v source when it carries 2.5 A?	A. 4.8 W B. 14.5 W

		C. 30 W D. 60 W
11	How Galvanometer is connected in circuit to detect current?	A. In Series B. In Parallel C. Fixed D. Variable
12	Image formed on a camera is:	A. Real, inverted, and diminished<o:p></o:p> B. Virtual, upright and diminished<o:p></o:p> C. Virtual, upright and magnified<o:p></o:p> D. Real, inverted and magnified<o:p></o:p>
13	That period in which voltage repeats its value in equal intervals is called:	A. cycle B. Time period C. Frequency D. Amplitude
14	Electric potential and e.m.f.	A. are the same terms B. are the different terms C. have different units D. both b and c
15	The S.I unit of electric power is:	A. Volt B. Watt C. Ampere D. Joule
16	Mathematical form of Ohm's law is:	A. V = IR B. V = I2R C. V = Qt D. V = IR2
17	Which type of image is produced by the converging lens of human eye if it views a distant object:	A. Real, erect, same size<o:p></o:p> B. Real, inverted, diminished<o:p></o:p> C. Virtual, erect, diminished<o:p></o:p> D. Virtual, inverted, magnified<o:p></o:p>
18	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 time
19	What is the voltage across a 6Ω resistor when 3 A of current passes through it?	A. 2 V B. 9 V C. 18 V D. 36 V
20	What type of graph is in between V and I?	A. Curved B. Parabola C. Straight line D. None of these