

Current Electricity

Sr	Questions	Answers Choice
1	The more negative potential of grid, the more electrons will be:	<p>A. <input type="radio"/> Attracted</p> <p>B. <input checked="" type="radio"/> Repelled</p> <p>C. <input type="radio"/> Attracted as well as repelled</p> <p>D. <input type="radio"/> Neither attracted nor repelled</p>
2	LDR can act as:	<p>A. <input type="radio"/> Diode</p> <p>B. <input checked="" type="radio"/> Switch</p> <p>C. <input type="radio"/> Transistor</p> <p>D. <input type="radio"/> Rectifier</p>
3	If a ray of light in glass is incident on an air surface at an angle greater than the critical angle, the ray will:	<p>A. <input type="radio"/> Refract only</p> <p>B. <input checked="" type="radio"/> Reflect only</p> <p>C. <input type="radio"/> Partially refract and partially reflect</p> <p>D. <input type="radio"/> Diffract only</p>
4	When resistance are connected in series the current passing through them is .	<p>A. Different</p> <p>B. Zero</p> <p>C. <input checked="" type="radio"/> The same</p> <p>D. None of these</p>
5	Which combination forms NAND gate:	<p>A. <input type="radio"/> AND & OR</p> <p>B. <input checked="" type="radio"/> AND & NOT</p> <p>C. <input type="radio"/> NOT & OR</p> <p>D. <input type="radio"/> NAND & NOT</p>
6	The unit of power is _____	<p>A. Volt</p> <p>B. <input checked="" type="radio"/> Watt</p> <p>C. Joule</p> <p>D. Coulomb</p>
7	Electric potential and e.m.f.	<p>A. are the same terms</p> <p>B. <input checked="" type="radio"/> are the different terms</p> <p>C. have different units</p> <p>D. both b and c</p>
8	The center of curved surface of spherical mirror is called:	<p>A. <input type="radio"/> Focus</p> <p>B. <input type="radio"/> Axis</p> <p>C. <input type="radio"/> Centre</p> <p>D. <input checked="" type="radio"/> Pole</p>
9	Which type of image is produced by the converging lens of human eye if it views a distant object:	<p>A. <input type="radio"/> Real, erect, same size</p> <p>B. <input checked="" type="radio"/> Real, inverted, diminished</p> <p>C. <input type="radio"/> Virtual, erect, diminished</p> <p>D. <input type="radio"/> Virtual, inverted, magnified</p>
10	The current which changes its direction is called:	<p>A. Current</p> <p>B. <input checked="" type="radio"/> A.C.</p> <p>C. Conventional current</p> <p>D. D.C.</p>
11	The diameter of spherical mirror is called:	<p>A. <input type="radio"/> Curvature</p> <p>B. <input checked="" type="radio"/> Aperture</p> <p>C. <input type="radio"/> Sphere</p> <p>D. <input type="radio"/> Both a and b</p>
12	Which instrument is used to detect current?	<p>A. <input checked="" type="radio"/> Galvanometer</p> <p>B. Voltmeter</p> <p>C. Ammeter</p> <p>D. Electroscope</p>
13	The equivalent resistance in parallel combination is:	<p>A. $R_c = R_1 + R_2 + R_3 + \dots + R_n$</p> <p>B. <input checked="" type="radio"/> $\frac{1}{R_c} = \frac{1}{R_1} + \frac{1}{R_2} + \frac{1}{R_3} + \dots + \frac{1}{R_n}$</p> <p>C. a and b</p> <p>D. None of these</p>

- 14 Which instrument measures the potential difference:
A. Voltmeter
B. Barometer
C. Galvanometer
D. Ammeter
-
- 15 The characteristics of sound by which we can distinguish between two sounds of same loudness and pitch is called.
A. Intensity
B. Quality
C. Loudness
D. Pitch
-
- 16 The S.I unit of potential difference is:
A. Ampere
B. Coulomb
C. Volt
D. Watt
-
- 17 The S.I unit of electric power is:
A. Volt
B. Watt
C. Ampere
D. Joule
-
- 18 An object is placed at the Centre of curvature of a concave mirror. The image produced by the mirror is located:
A. Out beyond the centre of curvature
B. At the centre of curvature
C. Between the centre of curvature and the focal point
D. At the focal point
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- 19 AND operation is represented by:
A. Dot (.)
B. Addition (+)
C. Division (\div)
D. Minus (-)
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- 20 Specific resistance of copper is _____ x 10⁻⁸Ohm-meter
A. 1.62
B. 1.69
C. 5.25
D. 2.75