

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	An AVO meter can also be called as.	<p>A. Digital multimeter</p> <p>B. Digital voltmeter</p> <p>C. Digital ammeter</p> <p>D. Digital ohm meter</p>
2	Coulomb's force is:	<p>A. Conservative force</p> <p>B. None conservative force</p> <p>C. Similar to frictional force</p> <p>D. None of the above</p>
3	$B^2/2\mu$ is the expression of.	<p>A. Lenz's law</p> <p>B. Magnetic energy</p> <p>C. Magnetic energy density</p> <p>D. Back emf</p>
4	The existence of positron was discovered in:	<p>A. 1929</p> <p>B. 1928</p> <p>C. 1931</p> <p>D. 1933</p>
5	One ohm is equal to	<p>A. VC-1</p> <p>B. CV-1</p> <p>C. AC-1</p> <p>D. VA^{-1}</p>
6	_____ is the building block of every electronic circuit.	<p>A. Semi conductor diode</p> <p>B. Resistor</p> <p>C. Capacitor</p> <p>D. Amplifier</p>
7	Which type of impurity is to be added to a pure semi conductor crystal to provide holes.	<p>A. Monovalent</p> <p>B. Trivalent</p> <p>C. Tetravalent</p> <p>D. Pentavalent</p>
8	The electromagnetic spectrum contains	<p>A. Radio waves</p> <p>B. X-rays</p> <p>C. Microwaves</p> <p>D. All of these</p>
9	In extrinsic semiconductors doping is of the order of.	<p>A. 1 atom to 10^4</p> <p>B. 1 atom to 10^6</p> <p>C. 1 atom to 10^8</p> <p>D. 1 atom to 10^3</p>
10	The Weber is unit of measure of:	<p>A. Conductance</p> <p>B. Electric current</p> <p>C. Magnetic flux</p> <p>D. Electric flux</p>
11	The critical temperature of mercury is.	<p>A. 1.18 K</p> <p>B. 4.2 K</p> <p>C. 3.72 K</p> <p>D. 7.2 K</p>
12	The P.D develop in case of germanium is:	<p>A. 0.3</p> <p>B. 0.7</p> <p>C. 0.5</p> <p>D. 0.9</p>
13	The illustration of the phenomenon of mutual induction is in the device of	<p>A. Transformer</p> <p>B. Inductor</p> <p>C. A.C. Generator</p> <p>D. Ammeter</p>
14	Which of the following has least hysteresis loop area.	<p>A. Steel</p> <p>B. Wrought Iron</p> <p>C. Soft Iron</p> <p>D. Cobalt</p>
15	To convert a galvanometer into a volt meter a high resistance is connected.	<p>A. In series</p> <p>B. In parallel</p> <p>C. In perpendicular</p> <p>D. Along tangent</p>

16	The special theory of relativity based on.	A. One postulate B. Two postulates C. Three postulates D. Four postulates
17	In pure capacitor A.C. circuit, the current I and charge q are.	A. In phase B. Out of phase C. Parallel to each other D. None of above
18	An electron enters the magnetic field at right angle from left, B is into paper. The electron will be deflected.	A. upward B. To ward right C. Down ward D. Toward left
19	Both xenon and caesium each have:	A. 41 isotopes B. 36 isotopes C. 43 isotopes D. 33 isotopes
20	Energy needed to produce an electron hole in solid state detector is.	A. 1 to 2 eV B. 3 to 4 eV C. 6 to 7 eV D. 8 to 9 eV