

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Radius of first orbit of an atom is $r_1 = 0.053$ nm, Radius of second orbit r_2 will be.	A. 0.106 nm B. 0.212 nm C. 0.053 nm D. $0.53 \times 10 ²$ nm
2	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
3	The magnetic field is uniform and stronger	A. Outside the solenoid B. Inside the solenoid C. At the central part of the solenoid D. None of these
4	A real transformer does not change.	A. Voltage level B. Current level C. Power level D. Frequency
5	The amount of energy equal to 1.6×10^{-18} J is called.	A. One volt B. One milli volt C. One electron volt D. One mega electron volt
6	A metal rod of 1 m is moving at a speed of 1 ms ⁻¹ in a direction making an angle 30° with 0.5 T magnetic field. The emf produced is.	A. 0.25 N B. 2.5 N C. 0.25 V D. 2.5 V
7	Those elements whose charge number z is greater than _____ are unstable:	A. 80; B. 79 C. 82 D. 83
8	At resonance, the behavior of R-L-C series circuit is.	A. Resistive B. Capacitive C. Inductive D. Modulative
9	The circuit which compares the two voltages is.	A. LDR B. Sensor C. Comparator D. Logic gate
10	What is the resistance of carbon resistor which has band brown black brown.	A. 100 Ohm B. 1000 Ohm C. 10 Ohm D. 1.0 Ohm
11	Doping is made comparatively larger in	A. Emitter B. Base C. Collector D. P-type semi conductor
12	If a step up transformer were 100% efficient the primary and secondary winging's would have the same.	A. Current B. Power C. Voltage D. Direction of winding
13	The application of mutual induction is a.	A. D.C. motor B. Radio C. Television D. Transformer
14	Anti particle of electron is	A. Proton B. Photon C. Neutron D. Positron
15	After curie temperature.	A. Ferromagnetic B. Paramagnetic C. Magnetic

16 The binding energy per nucleon is maximum for
A. Helium
B. Iron
C. Potassium
D. Radium

17 X-ray diffraction reveals that these are
A. Particle type
B. Wave type
C. Both wave and particle
D. None of above

18 If we make magnetic field stronger the value of induced current is.
A. Decreased
B. Increased
C. Vanishes
D. Remain constant

19 The current through a resistance of 100 Ohm when connecting across a source of 220 V is.
A. 22000 A
B. 22 A
C. 2.2 A
D. 0.45 A

20 Various types of cancer are treated by
A. Carbon -14
B. Nickel -63
C. Cobalt -60
D. Strontium -90
