

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Charge carriers in electrolytes are.	A. Protons B. Electrons C. Holes D. Positive and Negative ions
2	Bremsstrahlung radiation are examples of	A. Atomic spectra B. Molecular spectra C. Continuous spectra D. Discrete spectra
3	Base of transistor is of order:	A. 10^{-11} m B. 10^{-6} m C. 10^{-8} m D. 10^{-6} m
4	Helium Neon Laser Beam emitted from discharge tube has a colour.	A. Blue B. Green C. Red D. Black
5	A° is the unit of:	A. Energy B. Length C. Nuclear energy D. Work
6	Platinum wire becomes yellow at a temperature of.	A. 900°C B. 1300°C C. 1600°C D. 500°C
7	Two opposite point charge of same magnitude separated by distance 2d, electric potential mid way between them is.	A. 1 V B. 2 V C. Zero D. V/2
8	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
9	With the speed of motor, magnitude of back emf	A. Remain same B. Increase C. Decrease D. First increases then decreases
10	The symbol of p-n-p transistor is	
11	The value of Stefan is constant is:	A. $4.57 \times 10^{-8} \text{ m}^2 \text{ k}^2$ B. $5.67 \times 10^{-8} \text{ w m}^{-2} \text{ k}^{-4}$ C. $6.67 \times 10^{-11} \text{ w m}^2 \text{ k}^4$ D. $7.45 \times 10^{-9} \text{ m}^2 \text{ w k}^3$
12	if time constant in RC series circuit is small, then capacitor is charged or discharged.	A. Slowly B. Rapidly C. At constant rate D. Intermittently
13	Ampere's law is applicable to:	A. Circular path B. Rectangular path C. To any closed path D. Nonwe of these
14	Life time of metastable states is	A. 10^{-6} sec or more B. 10^{-3} sec or more C. 10^{-5} sec or more D. None of these
15	In Pakistan the frequency of A.C. supply is.	A. 50 Hz B. 60 Hz C. 45 Hz D. 75 Hz

D. 70 Hz

16 The first laser was built by

- A. ArthursSchawalow
- B. T.H.Maiman
- C. Peter Sorokin
- D. C.H.Towmes

17 Which is not fundamental logic gate.

- A. NOT
- B. AND
- C. OR
- D. NAND

18 Which is the most refined form of matter.

- A. Smoke
- B. Fog
- C. Light
- D. Electron

19 When an electron in an atom goes from a lower to higher orbit its:

- A. K.E increases , P.E decreases
- B. K.E increases , P.E increases
- C. K.E decreases , P.E increases
- D. K.E decreases , P.E decreases

20 The device in which induced emf is statically induced emf is:

- A. Transforms
- B. AC generator
- C. Alevator
- D. Dynamo