

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The X-rays diffraction with crystal was first studied by	A. W.H Bragg B. W.L. Bragg C. Michelson D. None of these
2	Question Image	D. None of the above
3	Step up transfer has a transformation ratio of 3:2. What is the voltage in secondary , If voltage in primary is 30 V?	A. 45 V B. 15 V C. 90 V D. 300 V
4	The SI unit of E is NC-1 and that of B is Na-1 m-1 then the unit of E/B is.	A. ms-2 B. ms C. ms ⁻¹ D. m-1s-1
5	The building blocks of protons and neutrons are called.	A. lons B. Electrons C. Positrons D. quarks
6	Resistance of choke is	A. zero B. Large C. Very small D. Infinite
7	The stopping potential for a certain metal is 10 volts. Thus work function for the cathode is.	A. 10 J B. 1.6 X 10 ⁻¹⁸ J C. 1.6 X 10 ⁻¹⁹ J D. 1.6 X 10 ³⁰ J
8	In 1905, the special theory of relativity was proposed by	A. Einstein B. Bohr C. Maxwell D. De Broglie
9	A metal rod of 1 m is moving at a speed of 1 ms-1 in a direction making an angle 30 $^{\rm o}$ 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
10	The fact that electric field exist in space around an electrical charge is	A. Electrical property B. Gravitational property C. Intrinsic property of nature D. Extrinsic property of nature
11	The unit of conductivity is:	A. Ohm ⁻³ m ⁻¹ B. Ohm m ⁻¹ C. Both a and b D. Ohm m ⁻¹
12	If the ionization energy of hydrogen atom is 13.6 eV, its ionization potential will be	A. 136.0 volt B. 3.0 volt C. 13.6 volt D. None of these
13	If the energy of photon is 10 eV and work function is 5 eV, then the a value of stopping potential will be	A. 50 V B. 2 V C. 5 V D. 15 V
14	Identify the practical application of electrostatic force.	A. Inkjet printer B. x rays C. Laser D. A.C. Generator
15	The unit of resistance is:	A. Ω B. Ωm C. Ω ⁻¹ m ⁻¹ D. Ωm ⁻¹
		A. 50 Hz

ng voltage is given by 20 sin 157 t. Th efrequency of alternating voltage is:	C. 100 Hz D. 75 Hz
on for gain of an inverting amplifier is	C. (R ₁ R ₂) D. None of these
ergy for deuteron nucleus is given by	A. 2.8 MeV B. 2.23 MeV C. 2.28 MeV D. 2.25 MeV
e of a capacitor does not depend upon.	A. Distance between plates B. Area of plates C. Electric field between plates D. Medium between plates
ned the photo electric effect.	A. Max Plank B. Einstein C. Henry D. Rutherford
•	ion for gain of an inverting amplifier is ergy for deuteron nucleus is given by e of a capacitor does not depend upon. ned the photo electric effect.