

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The SI unit of magnetic induction 'B' Tesla is equal to.	A. NA-1m-1 B. Nam-1 C. NA-1 m D. Na2m-1
2	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
3	The number of electrons emitted depends upon	A. Colour of target surface     B. Shape of surface     C. Frequency of incident light     D. Intensity of incident light
4	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
5	Mass of meason is	A. Greater then proton B. Less than proton C. Equal to proton D. Equal to neutron
6	Rutherford performed on experiment on a nuclear reaction in:	A. 1921 B. 1981 C. 1927 D. 1932
7	Which of the following is one of the spectral series of atomic hydrogen?	A. Brockett series B. Balmer series C. P fund series D. All of above
8	Which one of the following bulbs has the least resistance.	A. 100 W B. 200 W C. 500 W D. 1000 W
9	Electro magnetic waves emitted from radio antenna are.	A. Stationary B. Longitudinal C. Transvers D. Both a and b
10	A positron is an anti particle of.	A. Proton B. Electron C. Neutron D. Photon
11	The temperature at which, semiconductor behaves as insulators:	A. 10k B. 0k C. 237k D. None of above
12	If $V_{\text{rms}}$ be the root mean square value of emf then its peak to peak value is given by	
13	The rest mass x ray photon is	A. Infinite B. Zero C. 1.67 X <sup>-17</sup> kg D. All of the above
14	Self inductance of a long solenoid is given by	D. None of the above
15	Number of Isotopes of Neon gas are	A. 2 B. 3 C. 4 D. 1
16	A solid in which there is not regular arrangement of molecules is called.	A. Glassy solid B. <div>Amorphous solid</div> C. Crystalline solid D. Both a and b

7	Energy released by conversion of 1 amu is	A. 200 MeV B. 931 MeV C. 233 MeV D. 243 MeV
8	If the coil is wound on iron core, the flux through it.	A. Decreases B. Becomes zero C. Increases D. Remains constant
9	Cathode ray oscilloscope works by deflecting a beams	A. Neutrons B. Protons C. Electrons D. Positron
.0	A proton consists of quarks which are.	A. Two up, one down B. One up, two down C. All up D. All down