

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Two parrallel, metal plates are a distance 8.00 m apart. The electric field between the plates in uniform, Directed toward the right, and has a magnitude of 4.00 N/C. If an ion of charge +2e is released at rest at the left-hand plate. What is its kinetic energy when reaches the right-hand plate?	A. 4 eV B. 64 eV C. 32 eV D. 16 eV
2	Einstein was awarded Nobel prize in physics in	A. 1905 B. 1911 C. 1918 D. 1921
3	The unit of work function is	A. Electron volt B. Ampere C. Volt cell D. Hz
4	Natural rubber is an example of:	A. Crystalline solids B. Amorphous solids C. Polymeric solids D. None of above
5	The binding energy per nucleon is maximum for	A. Helium B. Iron C. Potassium D. Radium
6	Two up quarks and one down quarks makes a	A. Proton B. Newton C. Photon D. Meson
7	The magnitude of back emf:	A. Increases with speed of motor B. Decreases with speed of motor C. Remains same D. None of above
8	Albert Einstein got noble prize in:	A. 1926 B. 1921 C. 1918 D. 1931
9	The AC system is preferred to DC system because:	A. AC voltage can be easily changed in magnitude B. DC motor angular velocity is affected badly C. High voltage AC transmission is less efficient D. Domestic appliance require AC voltage for their operation
10	The wavelength associated with the protons moving at speed of 40 m/s is.	A. 7.20 nm B. 9.02 C. 15.7 nm D. 17.3 nm
11	If the following particle have the same energy, which particle has the shortest wave length.	A. alpha particle B. Neutron C. Beta particle D. Proton
12	The reciprocal of resistance is called.	A. Capacitance B. Resistance C. Conductance D. Inductance
13	The particles which do not experience strong force are called.	A. Baryons B. Hadrons C. Mesons D. Laptons
14	In gas the charge carriers are:	A. Electrons B. lons C. Both a & D. None of above

15	In Helium Neon laser, discharge tube is filled with Neon gas.	A. 10% B. 15% C. 85% D. 90%
16	Which one of the following is ductile substance.	A. Copper B. Lead C. Wrought iron D. All of them
17	A radio active substance has a half life of four months. 3 -fourth of the substance will decay in:	A. 6 months B. 8 months C. 12 months D. 16 months
18	If I_0 is the peak value of current, then its root mean square value is given by	B. 2 _o C. _o D. 0.7 _o
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	Semiconductor diodes are called:	A. Ohmic B. non ohmic C. Both a & D. none of above