

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Energy band theory is based upon	A. Hund's Rule B. Heisenberg uncertainty principle C. Bohr's atomic Model D. Wave mechanical model
2	In the equation if $f_2 >$ then	
3	The position has charge which is in magnitude equal to the charge on	A. Electron B. Proton C. <span style="font-weight: bold; color: rgb(106, 106, 106); font-family: arial, sans-serif; font-size: small;">particle</span> D. All
4	Photo copier and inkjet printer are the applications of	A. Magnetism B. Electricity C. Electro magnetism D. Electrostatics
5	Which component of the transistor has greater contrition of impurity.	A. Base B. Emitter C. Collector D. Emitter and collector
6	Greater concentration of impurity is added in.	A. Base B. Emitter C. Collector D. LED
7	Various types of cancer are treated by	A. Carbon -14 B. Nickel -63 C. Cobalt -60 D. Strontium -90
8	If the coil is wound on iron core, the flux through it.	A. Decreases B. Becomes zero C. Increases D. Remains constant
9	The physical quantity related to photon, that does not change in Compton scattering is.	A. Energy B. Speed C. Frequency D. Wavelength
10	The vessel containing the tow electrodes and liquid to known as.	A. Chemical cell B. Volt cell C. Volta cell D. Volta meter
11	The solids are classified as	A. Polymeric B. Amorphous C. Crystalline D. All of above
12	A changing electric flux creates.	A. Electric fields B. Gravitational C. Magnetic field D. Electric charge
13	When a charge is projected perpendicular to a uniform magnetic field, tis path is	A. Spiral B. Helix C. Ellipse D. Circular
14	when an inductor comes close to a metallic object, its inductance is.	A. Decreased B. Increased C. Becomes half D. Becomes 4 times
15	The circuit in which current and voltage are in phase, the power factor is:	A. Zero B. 1 C. -1 D. 2

16	Binding energy for deuteron nucleus is given by	<p>A. 2.8 MeV  B. 2.23 MeV  C. 2.28 MeV  D. 2.25 MeV</p>
17	The SI Unit of magnetic induction is.	<p>A. Weber  B. Tesla  C. Gauss  D. Newton</p>
18	The phase angle of a series RLC circuit at resonant frequency is	<p>A. 1/2  B. <math>\sigma</math>  C. Zero  D. <math>\sigma/4</math></p>
19	Power dissipation in A.C circuit is expressed as:	<p>A. <math>P = I_{\text{rms}} \times V_{\text{rms}} \sin\theta</math>  B. <math>I V \cos\theta</math>  C. <math>I_{\text{rms}} \times V_{\text{rms}} \cos\theta</math>  D. <math>I_{\text{rms}} \times V_{\text{rms}} \sin 2\theta</math></p>
20	Concept of electric field lines was given by:	<p>A. Michelson  B. Henry  C. Michael faraday  D. Oersted</p>