

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Output resistance of an op amp is	A. High B. Low C. Zero D. Equal to input resistance
2	DC generator by william Sturgeon in:	A. 1894 B. 1961 C. 1834 D. 1961
3	Magnetic flux density is measured in	A. Weber B. Weber/m2 C. Tesla -m D. Gauss
4	In case of A.C. through resistor V and I are	A. At 0 <sup> o</sup> with each other B. At 180 <sup>o</sup> with each other C. At 90 <sup> o</sup> with each other D. At 270 <sup>o</sup> with each other
5	Those materials whose resistivity becomes zero at certain temperature is called:	A. Semiconductor B. Super conductor  C. Conductor D. Insulator
6	The Weber is unit of measure of:	A. Conductance B. Electric current C. Magnitic flux D. Electric flux
7	When gama rays are emitted, the nuclear mass.	A. Decreases by 4 units B. Does not change C. Increases by 2 units D. Increase by 1 unit
8	Question Image	D. None of the above
9	Which is true for both alpha particle and gama rays.	A. They cause ionization in air B. They can be deflected by electric field C. They can be deflected by magnetic field D. The y can penetrate a few millimeters of aluminium
10	Light emitting diodes are made from semiconductors.	A. Silicon B. Germanium C. Carbon D. Gallium arsenide
11	Balmer series lies in	A. Visible region B. Invisible region C. Ultraviolet region D. Infrared region
12	Transformer is used to change	A. Electric power B. Magnetic field C. Alternating voltage D. Phase of A.C.
13	If F1 and F2 are teh magnetic forces acting on a particle and electron respectively when moving perpendicular to the magnetic field then.	A. F1=F2 B. F1>F2 C. F1 <f2 D. F1 = 4F2</f2 
14	The algebraic sum of potential change in a closed circuit is zero.	A. Kirchhoff's 1st rule B. Kirchhoff 2 <sup>nd</sup> rule C. Krichoff's 3 <sup>rd</sup> rule
15	The radioactive decay obeys the law	D. Kirchhoff 4 <sup>th</sup> rule
1:)		

A. M<sup>1</sup>-2</sup>T<sup>1</sup>A<sup>1</sup> B. MLT<sup>-2</sup>A<sup>-1</sup>

16	The dimensions of magnetic flux are	C. ML <sup>2</sup> T <sup>2</sup> A <sup>- 1</sup> D. ML <sup>2</sup> T <sup>- 2</sup> A <sup>- 1</sup>
17	Commentator was invented by	A. Henry B. Ousted C. Maxwell D. William sturgeon
18	The most abundant isotope of neon is:	A. Neon 21 B. Neon 20 C. Neon 22 D. None of above
19	An alternating voltage is given by 20 sin 157 t. Th efrequency of alternating voltage is:	A. 50 Hz B. 25Hz C. 100 Hz D. 75 Hz
20	The use of LDR is in the circuit of.	A. Logic gate B. Rectifier C. Oscillator D. High Switch