

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Self inductance of a long solenoid is given by	D. None of the above  A. $X<sub>L</sub>=R$ B. $X<sub>L</sub><lt;<lt;R$ C. $X<sub>L</sub>>gt;>R$ D. $X<sub>L</sub>=<span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">∞</span>$
2	In choke coil the resistance $X_L$ an resistance R are:	A. 26.5 minutes B. 24.5 minutes C. 25.5 minutes D. 23.5 minutes
3	Half life of Uranium -239 is	A. Zinc B. Copper C. Nylon D. None of these
4	Which one is not a crystalline solid.	A. Pressure B. Force C. Momentum D. Work
5	The SI unit of stress is same as that of.	A. Night switch B. Inverter C. Comparator D. Rectifier
6	LDR becomes necessary when op amp is used as a	A. Alternating current B. Sparking current C. Eddy current D. Direct current
7	A capacitor is perfect in insulator for.	A. 1 mSv per year B. 2 mSv per year C. 3 mSv per year D. 4 mSv per year
8	The background radiation to which we are exposed, on the average is.	A. Is constant B. Increases with time C. Decreases linearly with time D. Decreases exponentially with time
9	The activity of radioactive sample	A. Reverse biased B. Forward biased C. Unbiased D. None of these
10	A light emitting diode emits light only when	A. Grid B. Filament C. Anode D. Cathode
11	Brightness of screen of CRO controlled by	A. 10 <sup>-1</sup> sec B. 10 <sup>-6</sup> sec C. 10 <sup>-4</sup> sec D. 10 <sup>-8</sup> sec
12	The dead time of G.M tube is.	A. England and USA B. France and USA C. China and USA D. None of these
13	Michael Faraday and Joseph Henry belongs to	A. WbA-1m-1
14	The SI unit of magnetic permeability is.	B. Wbm-2 C. WbmA-1 D. WbAm-1
15	If the length of solenoid is doubled but N same, B inside the solenoid becomes.	A. Half B. Doubled C. One fourth D. Four times

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16 Recently superconductor discovered is at temperature.

A. 110K  
B. 143K  
C. 16.3K  
D. 119K

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17 A galvanometer is an electrical instrument used to

A. Measure resistance  
B. Measure voltage  
C. Detect passage of current  
D. None of these

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18 The reverse saturation current in a PN junction diode is only due to:

A. Majority carriers  
B. Minority carriers  
C. Acceptor ions  
D. Donor ions

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19 In A.C. generator , when plane of coil is perpendicular to magnetic field, then output of generator is.

A.  $N\omega AB$   
B.  $2\pi f$   
C. Maximum  
D. Zero

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20 An electric field cannot deflect

A. X-rays  
B.  $\alpha$ -particles  
C.  $\beta$ -particles  
D. None of these

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