

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The unit of Rh is.	A. $\text{ms}^{-1}$ B. m C. $\text{m}^2$ D. $\text{m}^{-1}$
2	The main use of A.C is	A. Minimum line losses B. Long distance transmission C. Stepping up to required voltage only D. Stepping down to required voltage only
3	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
4	The circuit which compares the two voltages is.	A. LDR B. Sensor C. Comparator D. Logic gate
5	If the separation between the plates of a capacitor is doubled then its capacitance become.	A. Double B. Half C. One fourth D. Three times
6	Main reason for world wide use of A.C. is	A. It is cheaper B. Transmitted C. Both a and b D. Reaches in short time
7	When platinum is heated is become dull red at:	A. $900^\circ\text{C}$ B. $500^\circ\text{C}$ C. $800^\circ\text{C}$ D. $1100^\circ\text{C}$
8	Light of 4.5 eV is incident on a Cesium surface and stopping potential is 0.25 eV, maximum K.E. of emitted electron is.	A. 4.5 eV B. 4.25 eV C. 4.75 eV D. 0.25 eV
9	When the medium is insulator the electrostatic force between the charges is	A. Decreased B. Zero C. Increased D. None of above
10	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
11	1 tesla =	A. $1 \text{ MAm}^{-1}$ B. $1 \text{ NA}^{-1} \text{ m}$ C. $1 \text{ NA}^{-1} \text{ m}^{-1}$ D. None of above
12	Conductors have conductivities of order:	A. $10^3 \text{ } (\Omega\text{m})^{-1}$ B. $10^7 \text{ } (\Omega\text{m})^{-1}$ C. $10^7 \text{ } \Omega\text{m}^{-1}$ D. $10^{-6} \text{ } \Omega$
13	The induction can be increased by winding the wire around a core made of.	A. Copper B. Silicon C. Iron D. Aluminum
14	Substance which break just after the elastic limit is reached are called as.	A. Ductile substances B. Hard substances C. Brittle substances D. Soft substances

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15 When platinum wire is heated, it changes to cherry red at temperature.

A. 500<sup>o</sup>C  
B. 900<sup>o</sup>C  
C. 1100<sup>o</sup>C  
D. 1300<sup>o</sup>C

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16 Two down and one up quarks make

A. Proton  
B. Neutron  
C. ~~photon~~  
D. Positron

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17 The amount of energy equivalent to 1 a.m.u is

A. 931.5 MeV  
B. 93.15 MeV  
C. 9.315 MeV  
D. 2.224 MeV

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18 Average value of current and voltage over a complete cycle is.

A. Positive  
B. Negative  
C. Zero  
D. Infinite

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19 Gauss's law can only be applied to.

A. A curved surface  
B. A flat surface  
C. A closed surface  
D. A surface of any shape

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20 Which one has the least resistance.

A. Galvanometer  
B. Ammeter  
C. Ohm meter  
D. Volta meter