

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	A certain wire has a resistance R, the resistivity of an other wire of an identical material with the first, except for twice its diameter is.	A. $\frac{1}{4} R$ B. $4R$ C. $2R$ D. Same as R
2	Average value of current and voltage over a complete cycle is.	A. Positive B. Negative C. Zero D. Infinite
3	Which of the following is similar to electron.	A. Beta particle B. Alpha particle C. Neutron D. Proton
4	The place for storing the nuclear waste is	A. Ocean B. Damping in earth C. Damping in desert D. Bottom of old salt mines
5	The photo copying process is called	A. Xerography B. Inkjet Printer C. Both (a) and (b) D. None of these
6	The typical nuclei are less than:	A. 10^{16} m B. 10^{14} m C. 10^{12} m D. 10^{10} m
7	The chargeless region after formation of Pn junction is called:	A. Free region B. Depletion region C. Field region D. U.V region
8	Young's modulus for water's is	A. Zero B. 1 C. 2 D. 3
9	There are different crystal systems. The number of these crystal system is.	A. 3 B. 4 C. 5 D. 7
10	The energy of photon for photoelectric effect is less than	A. 1 MeV B. 2 MeV C. 5 MeV D. 8 MeV
11	The fraction change in resistance per Kelvin is known as:	A. Temperature coefficient of Resistance B. Coefficient of voltage of change C. Thermal expansion D. All of the above
12	For automatic Switching of streetlight, the op amplifier is used as.	A. Inductor B. Converter C. Comparator D. Thermistor
13	Unit of impedance is:	A. Ohm B. Ohm^{-1} C. no unit D. Ohm m^{-1}
14	Which is the most refined form of matter.	A. Smoke B. Fog C. Light D. Electron
15	In RLC circuit the energy is dissipated in	A. R only B. R and L C. R and C D. L and C

D. L and C

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- 16 The p-n junction in which p side is connected to +ve and n-side is -ve the junction is said to be:
- A. Neutral
B. Forward biased
C. Reversed biased
D. None of above
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- 17 A° is the unit of:
- A. Energy
B. Length
C. Nuclear energy
D. Work
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- 18 A one microfarad capacitor of a TV is subjected to 4000 V potential difference. The energy stored in capacitor is:
- A. 8 j
B. 16 j
C. 4×10^{-3} j
D. 2×10^{-3} j
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- 19 The force of Neutron due to field of 10^2 N/C is.
- A. 1.6×10^{-17} N
B. 1.6×10^{-19} N
C. Zero
D. 1.6×10^{-21} N
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- 20 If the medium between the charges is not free space then electrostatic force will be.
- A. Increase
B. Decrease
C. Remain same
D. None of these
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