

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The SI unit of relative permittivity is.	A. Fm-1 B. C2N-1m-2 C. Nm2C-2 D. No unit
2	The first superconductor was discovered in:	A. 1831 B. 1911 C. 1921 D. 1876
3	The output of two input is zero only when its.	A. Both inputs are zero B. Either input is zero C. Both inputs are one D. Either input is one
4	The mass spectrum of naturally occurring neon shows the most abundant isotope has atomic mass.	A. 19 B. 20 C. 21 D. 22
5	The charge number of Ba is.	A. 197 B. 141 C. 56 D. 85
6	Unit of decay constantλ is:	A. ms B. m ⁻¹ C. m D. S ⁻¹
7	Energy of Black body radiation depends upon	A. Nature of surface of body B. Nature of material of body C. Shape and size of body D. Temperature of the body
8	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
9	Which consumes small power.	A. Inductor B. Resistor C. Motor D. All of these
10	Induced emf in A.C. generator can be increased by	A. Decreasing area of coil B. Decreasing magnetic field C. Increasing area of coil D. Slowing down speed of coil
11	Gamma radiations are emitted due to:	A. De-excitation of atom B. De-excitation of nucleus C. Excitation of atom D. Excitation of nucleus
12	The potential difference across the depletion region of germanium is.	A. 0.3 V B. 0.5 V C. 0.7 V D. 0.8 V
13	Using relativistic effects the location of an air craft after an hour fight can be predicated about	A. 20 m B. 50 m C. 760 m D. 780 m
14	The unit of resistance is:	A. Ω B. Ωm C. Ω ⁻¹ m ⁻¹ D. Ωm ⁻¹
15	A galvanometer is an electrical instrument used to	A. Measure resistance B. Measure voltage C. Detect passage of current D. None of these

16	Charge on an electron was determined by	A. Ampere B. Millikan C. Maxwell D. Bohr
17	Albert Einstein got noble prize in:	A. 1926 B. 1921 C. 1918 D. 1931
18	The total flux through a closed surface.	A. Directly proportional to shape and geometry B. Independent of medium C. Depend on shape and geometry D. Dependent on medium and the charge enclosed
19	A sensitive galvanometer is	A. Unstable B. Stable C. Moderate D. Both B and C
20	Automatic function of street light can be done by the use of.	A. Inductor B. Rectifier C. Comparator D. emf