

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The electromagnetic spectrum contains	A. Radio waves B. X-rays C. Microwaves D. All of these
2	Reverse current flows due to	A. Majority charge carriers B. Minority charge carriers C. Electrons D. Holes
3	In a certain circuit, $I_{B=40~\mu\text{A}}$ I_{C} = 20 mA	A. 450 amp B. 0.45 amp C. 5 m amp D. 500 amp
4	Total flux through a closed surface depends on.	A. Shape of surface B. Medium only C. Charge enclosed only D. Charge and Medium
5	The anodes in cathode ray oscilloscope.	A. Control number of waves B. Control brightness of sept formed C. Accelerate as well as focus beam D. Negative potential w.r.t to chithode
6	In case of capacitor, the unit of reactance is	A. Farad B. Ohm C. Newton D. All of these
7	is correct relation.	A. IT = 10 ⁻⁴ G B. IT = 10 ⁴ G C. IT = 10 ² G D. IT = 10 ⁻² G
8	The magnetic field is uniform and stronger	A. Outside the solenoid B. Inside the solenoid C. At the central part of the solenoid D. None of these
9	lodine -131 is used for the treatment by	A. Bones B. Eyes C. thyroid glands D. Lungs
10	Flux through any closed surface is:	A. 1/ε ² _∘ times the total charge enclosed in it B. ε ² _∘ time the total charge enclosed in it C. 1/ε _∘ ties the total charge enclosed in ti D. ε _∘ time the total charge enclosed in ti control by the total charge enclosed in ti control by the total charge enclosed in it
11	The product of resistance and conductance is	A. 1 B. Resistivity C. Conductance D. Zero
12	Selenium is a	A. Insulator B. Photoconductor C. Conductor D. First insulator then conductor
13	The materialization of energy take place in the process of.	A. Photo electric effect B. Compton Effect C. Pair production D. Annihilationof matter
14	Balmer series lies in	A. Visible region B. Invisible region C. Ultraviolet region D. Infrared region
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15	When an electron in an atom goes from a lower to higher orbit its:	A. K.E increases , P.E decreases B. K.E increases , P.E increases C. K.E decreases , P.E increases D. K.E decreases , P.E decreases
16	The SI unit of magnetic induction Tesla is equal to	A. N-1 Am B. NA m2 C. NA-1n2 D. NA-1m-1
17	Net charge enclosed by Gaussian surface is:	A. zero B. maximum C. depend on intensity D. none of all
18	Which of the following basic force is able to provide an attraction between two neutrons:	A. Electrostatic and nuclear b B. Electrostatic and gravitational C. Gravitational and strong nuclear D. Only nuclear force
19	Conductors have conductivities of order:	A. $10 < sup > 3 < / sup > (\Omega m) - 1$ B. $10 < sup > 7 < / sup > (\Omega m) < sup > 1 < / sup > C. 10 < sup > 7 < / sup > \Omega m < sup > 1 < / sup > D. 10 < sup > 6 < / sup > \Omega$
20	The mutual inductance between two coils depends upon their	A. Size B. Core material C. Size, core material and separation D. Separation