

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
Si	Questions	
1	The galvanometer can be made sensitive by making the factor BAN/C	A. Large B. Small C. Constant D. Zero
2	The background radiation to which we are exposed, on the average is.	A. 1 mSv per year B. 2 mSv per year C. 3 mSv per year D. 4 mSv per year
3	The unit of Rh is.	A. ms-1 B. m C. m ² D. m ⁻¹
4	Eintein's Photoelectric equation is E_k = hf - \varnothing in this equation E_1 , refers to:	A. K.E of al the emited electrons B. Mean K.E of emited electrons C. Maximum K.E of emited electrons D. Minimum K.E of emited electrons
5	The powers of two electric bulbs are 100w and 200w. Which are connected to power supply of 220 V. The ratio of resistance of their filament will be:	A. 1 :2 B. 2 :1 C. 1 :3 D. 4 :3
6	An in cudutor may store energy in	A. Its magnetic field B. Its coil C. Its electric field D. A neighboring circuit
7	Electric power:	A. Vx1 B. V ² x1 C. V/1 D. V/1 ²
8	Energy stored per uint volume inside a solenoid is called as	A. energy density B. Electric flux C. Work D. Volume charge density
9	An electromagnetic wave goes from air to glass which of the following does not change?	A. Radio waves B. X-rays C. Ultra violet radiation D. Ultra sond waves
10	The SI unit of resistivity is.	A. Ohm m-2 B. Ohm m-1 C. Ohm m D. Ohm
11	The central region of a transistor is called.	A. Emitter B. Collector C. Base D. Neutral
12	The natural frequency of L.C circuit is equal to	
13	1 rad =	A. 0.001Gy B. 0.01Gy C. 0.1Gy D. 1.01Gy
14	Which of the modulus of elasticity is involved in compressing a rod to decrease its length?	A. Young's modulus B. Bulk modulus C. Modulus of elasticity D. None of these

15	Hydrogen atom spectrum does not lie in	A. Ultraviolet region B. Visible region C. Infrared region D. Xray region
16	Step up transfer has a transformation ratio of 3:2. What is the voltage in secondary , If voltage in primary is 30 V?	A. 45 V B. 15 V C. 90 V D. 300 V
17	A 50 mH coil carries a current of 2.0 a , then energy stored in tis magnetic field is.	A. 0.1 J B. 10 J C. 100 J D. 1000 J
18	The peak value of alternating current is $5\sqrt{2}$ A. The mean square value of current will be:	A. 5A B. 2.5A C. 5 <b style="color: rgb(34, 34, 34) font-family: arial, sans-serif; font-siz 16px;">√2A D. 5 ²
19	When a wire of length 'l' and resistance R is cut into two equal parts then resistivity of each part.	A. is doubled B. Remains the same C. Is halved D. Is one fourth
20	The sum of electric and magnetic force is called.	A. Maxwell force B. Lorentz force C. Newton's force D. Centripetal force