Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Life time of metastable states is	A. 10⁻⁶ sec or more B. 10⁻³ sec or more C. 10⁻⁵ sec or more D. None of these
2	In Helium Neon laser, discharge tube is filled with Neon gas.	A. 10% B. 15% C. 85% D. 90%
3	Which material should be inserted between the plates of a capacitor in order to increase its capacitance.	A. Copper B. Mica C. Iron D. Tin
4	A.C is converted into D.C by	A. Dynamo B. Rectifier C. Motor D. Transformer
5	NIBA =	A. cθ B. θ/c C. c²θ D. c²/θ
6	The torque in the coil can be increased by increasing:	A. No. of turns B. Current and magnetic field C. Area of coil D. All of the above
7	Albert Einstein got noble prize in:	A. 1926 B. 1921 C. 1918 D. 1931
8	Helium-Neon laser discharge tube contains neon	A. 82% B. 15% C. 25% D. 85%
9	The types of quacks are.	A. 2 B. 3 C. 4 D. 6
10	Young's modulus for water's is	A. Zero B. 1 C. 2 D. 3
11	The gate, which changes the logic level to its opposite level is called	A. NOR gate B. AND gate C. OR gate D. NOT gate
12	The photo copying process is called	A. Xerography B. Inkjet Printer C. Both (a) and (b) D. None of these
13	When a coil is moved in a uniform magnetic field, an induced emf is produced due of change in	A. Flux density B. Electric flux C. Magnetic flux D. Magnetic field strength
14	The conductors having the conductivity of the order of	
15	The highest value reached by the voltage or current in one cycle is called.	A. Peak ot peak value B. Peak value C. Instantaneous value D. Root mean square value
16	Brightness of screen of CRO controlled by	A. Grid B. Filament C. Anode

		D. Cathode
17	When a nucleus emits alpha particle its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4
18	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
19	The phase difference between the current and voltage at resonce is:	A. 0 B. π C. -π D. π/2
20	An electron enters the magnetic field at right angle from left, B is into paper. The electron will be deflected.	A. upward B. To ward right C. Down ward D. Toward left