

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	When platinum wire is heated, it changes to cherry red at temperature.	A. 500 ^o C B. 900 ^o C C. 1100 ^o C D. 1300 ^o C
2	Useful device to measure resistance, current and voltage is an electronic instrument called.	A. Volt meter B. Ammeter C. Ohmmeter D. Digital Multimeter
3	For a current carrying solenoid the term 'n' has unit as.	A. No unit B. m ⁻¹ C. m ⁻² D. m-3
4	Photodiode is used for wave nature of.	A. Light B. Thermal radiation C. Radi waves D. Sound waves
5	The first spectral lines were discovered in 1885, were	A. Paschen series B. Balmer series C. Pfund series D. Bracket series
6	The charge number of Ba is.	A. 197 B. 141 C. 56 D. 85
7	The application of mutual induction is a.	A. D.C. motor B. Radio C. Television D. Transformer
8	A rheostat can be used as variable resistor as well as a	A. Potential divider B. Current divider C. Wheat stone bridge D. Power divider
9	If the number of turns become double but length remain same, then magnetic field in the solenoid become.	A. Half B. Double C. Remain same D. Zero
10	Reflecting mirrors in laser is used to	A. Further stimulation B. For producing more energetic lasers C. Both (a) and (b) D. None of these
11	The temperature at which, semiconductor behaves as insulators:	A. 10k B. 0k C. 237k D. None of above
12	the number of terminals in a semiconductor diode are	A. 2 B. 3 C. 4 D. 5
13	The most abundant isotope of neon is:	A. Neon 21 B. Neon 20 C. Neon 22 D. None of above
14	The SI unit of stress is same as that of.	A. Pressure B. Force C. Momentum D. Work
15	In self induction A coil is connected in with battery and a rheostat.	A. Parallel B. Series C. Both A and B

		D. None of above
16	Metals are good conductors of electricity because they have	A. Large number of bounded electrons B. Small number of electrons C. Large number of free electrons D. Small number of free electrons
17	Electric flux is a	A. Vector quantity B. Scalar quantity C. Both (a) and (b) D. None of above
18	The magnetic field inside solenoid is given:	A. µ _° nl ² B. µ _° nl C. µ _° n/1 ² D. µ _° l/n
19	If both the length and radius of the rod are doubled, then the modulus of elasticity will:	A. Increase B. Decrease C. Remains the same D. Doubled
20	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