Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Minimum energy needed to escape an electron ofrm metal surface is called:	A. Threshold energy B. Threshold frequency C. Work function D. Work ability
2	The minimum frequency needed to emit an electron form metal surface is called:	A. Work function B. Threshold frequency C. Quanta frequency D. All of above
3	The emission of electrons from metal surface when exposed to light is called:	A. Compton effect B. Pair production C. Photoelectric effect D. None of above
4	The unit for Plank's constant is:	A. Js⁻¹ B. Jm C. Js D. Jm²
5	Max planck received noble prize in:	A. 1927 B. 1932 C. 1918 D. 1914
6	The value of Stefan is constant is:	A. 4.57 x 10⁻⁸ m²k² B. 5.67 x10⁻⁸ wm⁻²k⁻⁴ C. 6.67x 10⁻¹¹ wm²k⁴ D. 7.45 x 10⁻⁹ m² wk³
7	The value of Wien's constant:	A. 2.9x10⁻³mk B. 2.19x10⁻⁷mk C. 3.18 x10⁶ km⁻¹ D. 6.21 x 10⁻⁹m²wk³
8	A block body is an ideal:	A. Absorber B. Radiator C. Both a & b D. None of above
9	When platinum is heated is become dull red at:	A. 900°C B. 500°C C. 800°C D. 1100°C
10	Which device is used as a rectifier?	A. Capacitor B. Transistor C. Diode D. Transformer
11	A transistor has parts:	A. 2 B. 3 C. 4 D. 5
12	Conversion of A.C into D.C is called:	A. Compton effect B. Rectification C. Amplification D. Pair production
13	OR gate is represented by:	A. X = A+B B. X=A.B C. X=A+B D. X=A.B
14	NAND gate represented by:	A. X = A. B B. X = A+B C. X= A.B

		D. X=|A+B|
15	For normal use:	A. Emitter base function is reversed biased B. Collector base junction is reserved biased C. Emitter base junction is forward biased D. Both c and b
16	Which one has greater cone of impurity among all:	A. Emitter B. Base C. Collector D. All are pure
17	Base of transistor is of order:	A. 10⁻¹¹m B. 10⁶m C. 10⁻⁸m D. 10⁻⁶m