

Physics FSC Part 2 Chapter 20 Online MCQ's Test

Sr	Questions	Answers Choice
1	The unit of Rh is.	A. ms-1 B. m C. m ² D. m ⁻¹
2	Frequency of x-rays depends upon.	A. Number of electrons striking target B. Accelerating potencial C. Nature of the target D. Both B and C
3	A° is the unit of:	A. Energy B. Length C. Nuclear energy D. Work
4	Laser is a beam of light which is	A. Monochromatic B. Coherent C. Unidirectional D. All of these
5	The velocity of electron moving is 1st orbit of hydrogen atom is:	A. 2.09 x 10 ⁶ ms ^{- 1} B. 2.18 x10 ⁶ ms ^{- 1} C. 2.19 x 10 ⁶ ms ^{- 1} D. 3.18 x10 ⁶ ms ^{- 1} D. 3.18 x10 ⁶ ms ^{- 1}
6	The temperature of core of nuclear reactor is:	A. 1100°C B. 1200°C C. 1300°C D. 1400°C
7	Boher proposed his atomic model in:	A. 1910 B. 1911 C. 1912 D. 1913
8	The shortest wave length is Bracket series has wave length.	A. 16/Rn B. Rn/16 C. 16 Rn D. 4 Rn
9	An electron in H -atom is excited from ground state $n=4$, How many spectral lines are possible in this case.	A. 6 B. 5 C. 4 D. 3
10	The process by which lesser beam can be used to generate 3-dimensional images of objects is called	A. Holography B. Geo graphy C. Tomography D. Radio graphy
11	X-rays were discovered by	A. Curie B. Henry Becquerel C. Rontgen D. None of these
12	For Holography we use	A. X ray B. Laser C. gama rays D. Beta rays
13	An atom can reside in excited state for	A. 10 ⁻⁸ second B. One second C. 10 ⁻¹⁰ second D. More than one second
14	The following gas was identified in the sun using spectroscopy	A. Hydrogen B. Helium C. Carbon D. Nitrogen

15	Laser can be made by creating.	A. Meta stableB. Population inversionC. Excited stateD. All of these
16	In Helium Neon laser, discharge tube is filled with Neon gas.	A. 10% B. 15% C. 85% D. 90%
17	The 1 st Bohr atom in the hydrogen atom has radius	A. 3.56 x 10 ⁻¹⁰ m B. 0.053 x 10 ⁻¹¹ m C. 0.53 x 10 ⁻¹¹ m D. 5.30 x 10 ⁻¹¹ m
18	Helium Neon Laser Beam emitted from discharge tube has a colour.	A. Blue B. Green C. Red D. Black
19	Which of the following is one of the spectral series of atomic hydrogen?	A. Brockett series B. Balmer series C. P fund series D. All of above
20	Earth orbital speed is	A. 10 km/s B. 20 km/s C. 30 km/s D. 40 km/s