

Physics ICS Part 2 Chapter 20 Online MCQ's Test

| Sr | Questions | Answers Choice |
|----|---|--|
| 1 | 1 rad = | A. 0.001Gy B. 0.01Gy C. 0.1Gy D. 1.01Gy |
| 2 | Boher proposed his atomic model in: | A. 1910 B. 1911 C. 1912 D. 1913 |
| 3 | Charge on an atom is: | A. Positive B. Negative C. Neutral D. None of these |
| 4 | Electron volt is unit of: | A. Chemical energy B. Potential energy C. Nuclear energy D. heat energy |
| 5 | Charge on positron is: | A. Negative; B. Positive C. Netural D. None of these |
| 6 | A° is the unit of: | A. Energy B. Length C. Nuclear energy D. Work |
| 7 | Energy produced due to fission of uranium atom is: | A. 500MeV B. 200MeV C. 700MeV D. 750MEV |
| 8 | The temperature of core of nuclear reactor is: | A. 1100°C B. 1200°C C. 1300°C D. 1400°C |
| 9 | The typical nuclei are less than: | A. 10^{16} m B. 10^{14} m C. 10^{12} m D. 10^{10} m |
| 10 | The velocity of electron moving is 1st orbit of hydrogen atom is: | A. $2.09 \times 10^6 \text{ ms}^{-1}$ B. $2.18 \times 10^6 \text{ ms}^{-1}$ C. $2.19 \times 10^6 \text{ ms}^{-1}$ D. $3.18 \times 10^6 \text{ ms}^{-1}$ |
| 11 | The radius of hydrogen atom is: | A. 0.53A° B. 0.053A° C. $0.53 \times 10^{-9}\text{m}$ D. $0.053 \times 10^{-9}\text{m}$ |
| 12 | The series in infrared region is: | A. Paschen series B. Bracket series C. Pfund series D. All of above |
| 13 | The series in visible region is: | A. Balmer series B. Pfund series C. Paschen series D. None of above |
| 14 | The value of Rydberg constant is: | A. $1.0749 \times 10^7 \text{ m}^{-1}$ B. $1.0974 \times 10^7 \text{ m}^{-1}$ C. $1.974 \times 10^6 \text{ m}^{-1}$ |

- 15 The first spectral lines were discovered in 1885, were
A. Paschen series
B. Balmer series
C. Pfund series
D. Brackett series
- 16 Black Body radiation spectrum is an example of:
A. Atomic spectra
B. Line spectra
C. Continuous spectra
D. None of above
- 17 The idea of laser device was first introduced by C.H. Townes and Authers Schowlan is
A. 1972
B. 1965
C. 1958
D. 1913
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