

Atomic Structure

Sr	Questions	Answers Choice
1	Rutherford used a gold foil in his experiment, which had a tickness of	A. 0,0002 cm B. 0,0001 cm C. 0.001 cm D. 0.00004cm
2	How many electons can be accommodated in S subshell?	A. 2 B. 6 C. 14 D. 10
3	Which particle is present in differente number in the isotopes.	A. Proton B. Electron C. Neutron D. Both neutron and electron
4	Atomic number is represented by	A. P B. A C. At D. Z
5	d- subshell can accommodate maximum electrons.	A. 2 B. 6 C. 10 D. 14
6	John Dalton put forward his atomic theory.	A. 1800 B. 1803 C. 1805 D. 1903
7	How is radio carbon dating useful for archeolgists.	A. It helps detemine whether the matter is radioactie or not B. It helps determine the age of organic matter C. It helps determine the composition of matter D. It helps deterime the usefulness of matter
8	Proton are feflected toward plate.	A. Positive B. Negative C. Both a and b D. None of these
9	Number of isotopes of hydrogen is	A. 2 B. 5 C. 4 D. 3
10	Carbon -14 is used for the	A. Growth of bonesB. Diagonosis of goiterC. Age determination of old objectsD. All of these
11	M shell has sub sheels.	A. 1s, 2s B. 1s,2s,3s C. 2s,2p D. 3s,3p,3d
12	The nucleus of an atom is composed of	A. Electrons B. Electons and protons C. Protons and neutrons D. Electrons and neutrons
13	According to Rutherford's atomic theory, atom should produce.	A. Line spectrum B. Continuous spectrum C. Both a and b D. None of these
14	Number of protons in the nucleus of an atom is called.	A. Atomic number B. Mass Number C. Mass Unit D. Electron Number

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15	Atom is electrically	A. Positive particle B. Negaitve particle C. Neutral particle D. None of these
16	Number of electrons that an be accomodated in f - subshell	A. 6 B. 10 C. 2 D. 14
17	Which of the following statement is not correct about isotopes.	A. they have same atomic number B. They have same number of protons C. They have same physical properties D. They have same chemical propeties
18	The percentage of 238 U $_{92}$ found in nature.	A. 97% B. 0.72% C. 98% D. 1.5%
19	Whoih subshells are present in L - shell?	A. S and P B. Only s -sub shell C. Only p - sub shell D. Sub shell
20	What will be the relative atomic mass of nitrogen given the abundance of its two isotopes, 14 N and $^{15}\mathrm{N}$ are 99.64 and 0.35	A. 14.0210 B. 14.2100 C. 14.0021 D. 14.1200