

Atomic Structure

Sr	Questions	Answers Choice
1	N-shell contains number of subshells.	A. 1 B. 3 C. 4 D. 2
2	The removal of electron from a neutral atom gives rise to.	A. Molecular anion B. Anion C. Cation D. Molecular Cation
3	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
4	M shell has sub sheels.	A. 1s, 2s B. 1s,2s,3s C. 2s,2p D. 3s,3p,3d
5	Atomic number is represented by	A. P B. A C. At D. Z
6	What information was obtained fom discharge tube expriments?	A. Electrons and protons were discovered B. Structur eof atom was discovered C. Neutrons and protons were discovered D. Presence of nucleus in an atom was discovered
7	Number of electrons that an be accomodated in f - subshell	A. 6 B. 10 C. 2 D. 14
8	How many subshells are there in M shell?	A. 2 B. 4 C. 3 D. 5
9	Proton are feflected toward plate.	A. Positive B. Negative C. Both a and b D. None of these
10	What does keep the particles present in the nucleus intact.	A. Particles are held together by dipolar force B. Particles are held together by wee nuclear force C. Particles are held together by strong nuclear force D. Particles are held together by electrostatic force
11	According to Rutherford's atomic theory, atom should produce.	A. Line spectrum B. Continuous spectrum C. Both a and b D. None of these
12	Why has isotopes not been shown int he periodic table.	A. Isotopes do not show periodic behavior B. Periodic tble cannot accomodate a large number of isotopes of different elements C. All the isotops have same atomic number so there is no need to give them separate places D. Someof the isotopes are unstble

		and they give rise to different elements.
13	Whoih subshells are present in L - shell?	A. S and P B. Only s -sub shell C. Only p - sub shell D. Sub shell
14	An element has 5 electrons in M shell. Its tomic number is.	A. 5 B. 10 C. 15 D. 20
15	Atom is electrically	A. Positive particleB. Negaitve particleC. Neutral particleD. None of these
16	A sub sheel that cna accommodate 6 electrons is	A. b B. s C. f D. p
17	Number of isotopes of hydrogen is	A. 2 B. 5 C. 4 D. 3
18	How many electrons can be accommodated at the most in the third shell of the elements.	A. 8 B. 10 C. 18 D. 32
19	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
20	Which isotope is used in nuclear reactors.	A. U-234 B. U-235 C. U-238 D. All of these