

Chemistry Fsc Part 2 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	Which one of the following group of Periodic table called chalcogen family.	A. Group III A B. Group VA C. Group VI A D. Group VII A
2	Most likely product formed when formic acid is dehydrated in the presence of conc. H ₂ SO ₄ is.	A. CO ₂ and H ₂ O B. CO, CO ₂ and H ₂ O C. CO ₂ and H ₂ D. CO and H ₂ O
3	The brown gas formed when metal reduces HNO ₃ is	A. N ₂ O ₅ B. N ₂ O ₃ C. NO ₂ D. NO
4	Each of the following is true for white and red phosphorus except one.	A. Both are soluble in CCl ₄ B. Both can be oxidized by heating in air C. Both consists of same kind of atoms D. Both can be converted into each other
5	When Cu reacts with conc. HNO ₃ , which one of the following gases is evolved	A. N ₂ O B. NO C. NO ₂ D. N ₂ O ₅
6	Which form of phosphorus is more stable.	A. White B. Red C. Black D. Both a and b
7	The brown gas formed, when metal reduce HNO ₃	A. NO B. NO ₂ C. N ₂ O ₃ D. N ₂ O ₅
8	Maximum number of unpaired electrons is in	A. O ₂ B. O ₂ ⁺ C. O ₂ ⁻ D. O ₂ ²⁻
9	In which substance phosphorus is not present.	A. Yolk of egg B. Bones C. Apatite D. Galena
10	Which of the following gives acidic oxide	A. N B. As C. Sb D. Bi
11	NH ₄ NO ₃ on heating at 200 °C changes to	A. N ₂ O B. NO C. NO ₂ D. N ₂ O ₄
12	Gold dissolves in "Aqua Regia" due to formation of Halide. Point out correct halide	A. AuF ₃ B. AuCl ₃ C. AuBr ₃ D. AuI ₃
13	Role of H ₂ S in the given chemical reaction is H ₂ S + I ₂ → 2HI + S	A. Oxidising agent B. Reducing agent C. Dehydrating agent D. As an acid
14	Which of the following specie has the maximum number of unpaired electrons.	A. O ₂ B. O ₂ ⁺ C. O ₂ ⁻ D. O ₂ ²⁻

A. white phosphorus

15	Which allotrope of phosphorus has layers like graphite.	B. Red phosphorus C. Black Phosphorus D. Amorphous phosphorus
16	In pyrite burner, the gas produced is.	A. SO ₃ B. SO ₂ C. CO ₂ D. NO
17	Sulphuric acid acts as dehydrating agent in its reaction with.	A. Sodium chloride B. Potassium nitrate C. Copper D. Ethyl alcohol
18	Which catalyst is used in contact process.	A. Fe ₂ O ₃ B. V ₂ O ₅ C. SO ₃ D. Ag ₂ O
19	What are the number of the electrons in valence shell of P in PCl ₃	A. 4 B. 6 C. 8 D. 10
20	The most electronegative element of group V-A is	A. N B. P C. Sb D. Bi