

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Crystal can be classified in to basic crystal habits	A. 7 B. 4 C. 14 D. 3
2	Which of the following elements is most electronegative?	A. Oxygen B. Chlorine C. Nitrogen D. Fluorine
3	Which of the following has greatest reducing power?	A. H ₂ B. HBr C. HCl D. HI
4	A cell constant is generally found by measuring the conductivity of aqueous solution of	A. BaCl ₂ B. KCl C. NaCl D. MgCl ₂
5	Which metal is protected by a layer of its own oxide?	A. Al B. Ag C. Au D. Fe
6	The heats evolved in combustion of rhombic and monoclinic sulphur are - 70960 and - 71030 cal mol ⁻¹ respectively what will be heat of conversion of rhombic sulphur to monoclinic?	A. 70960 calories B. 71030 calories C. -70 calories D. +70 calories
7	Which of the following is directly related to Qualitative analysis?	A. Identification B. Separation C. Measurement D. Calculation
8	Which has the largest radius?	A. CO ³⁺ B. Mn ³⁺ C. Fe ³⁺ D. Cr ³⁺
9	Vitamin A is present in	A. Liver B. Milk C. Green vegetables D. All
10	During the folding of filter paper the apex form angle of about	A. 80° B. 60° C. 180° D. 90°
11	Number of elements present in the fifth period of periodic table is	A. 8 B. 10 C. 18 D. 32
12	Which one of the following compounds does not exist?	A. NCl ₅ B. AsF ₅ C. SbCl ₅ D. PF ₅
13	Natural fertilizer provides phosphorus to plants in the form of P ₂ O ₅	A. 1.2 kg B. 2.2 kg C. 3.2 kg D. 4 kg
14	The percentage of oxygen in NaOH is	A. 40 B. 60 C. 8 D. 10
15	Which of the following will not change the concentration of ammonia in the equilibrium N ₂ (g) + 3H ₂ (g) 2NH ₃ (g): $\Delta H = -k$	A. Increase of pressure B. Increase of temperature C. Decrease of volume D. Addition of catalyst

16	Salol is prepared from	A. Salicylic acid and phenol B. Salicylic acid and methyl alcohol C. Both D. None
17	Which of the following units represents largest amount of energy?	A. Calorie B. Joule C. Erg D. Electron vol.
18	The weight of 11.2 liters of CO ₂ at S.T.P. would be	A. 88 g B. 44 g C. 32 g D. 22 g
19	The addition of HBr is easiest with	A. CH ₂ = CHCl B. ClCH = CHCl C. CH ₃ - CH = CH ₂ D. (CH₃)₂ C = CH₂
20	According to MO Theory the species O ⁺ ₂ possesses	A. Bond order of 2.5 B. Three unpaired electrons C. Diamagnetic character D. Stability lower than O ₂
