

Time: 20 Minutes**OBJECTIVE Code: 8482****Marks: 17**

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank.

1. Keeping in view the size of atoms which order is the correct one _____.
(A) $Mg > Sr$ (B) $Ba > Mg$ (C) $Lu > Ce$ (D) $Cl > I$
2. The oxides of beryllium are _____.
(A) acidic (B) basic (C) amphoteric (D) none of these
3. Which element is used in the thermite process because of its reactivity?
(A) iron (B) copper (C) aluminium (D) zinc
4. Laughing gas is chemically _____.
(A) NO (B) N_2O (C) NO_2 (D) N_2O_4
5. Hydrogen bond is the strongest between the molecules of _____.
(A) HF (B) HCl (C) HBr (D) HI
6. The total number of transition elements is _____.
(A) 10 (B) 14 (C) 40 (D) 58
7. The state of hybridization of carbon atom in methane is _____.
(A) sp^3 (B) sp^2 (C) sp (D) dsp^2
8. Formula of chloroform is _____.
(A) CH_3Cl (B) CCl_4 (C) CH_2Cl_2 (D) $CHCl_3$
9. During nitration of benzene, the active nitrating agent is _____.
(A) NO_3 (B) NO_2^+ (C) NO_2^- (D) HNO_3
10. For which mechanism the first step involved is same?
(A) E_1 and E_2 (B) E_2 and S_N2 (C) S_N1 and E_2 (D) E_1 and S_N1
11. Which compound shows hydrogen bonding?
(A) C_2H_6 (B) C_2H_5Cl (C) CH_3OCH_3 (D) C_2H_5OH
12. Which of the following will have the highest boiling point?
(A) methanal (B) ethanal (C) propanal (D) 2-hexanone
13. Acetic acid is manufactured by _____.
(A) distillation (B) fermentation (C) ozonolysis (D) esterification
14. Which of these polymers is an addition polymer?
(A) nylon - 6, 6 (B) polystyrene (C) terylene (D) epoxy resin
15. Phosphorus helps the growth of _____.
(A) root (B) leave (C) stem (D) seed
16. The pH range of the acid rain is _____.
(A) 7 - 6.5 (B) 6.5 - 6 (C) 6 - 5.6 (D) less than 5
17. Which one heavy metal is highly toxic and does not has safe limit?
(A) Hg (B) Ca (C) Mg (D) Al