

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. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

- (1) _____ metal gives *NO* with dil. HNO_3 .
- (A) *Fe* (B) *Zr* (C) *Cu* (D) *Sn*
- (2) The strongest reducing agent is:-
- (A) *HBr* (B) *HI* (C) H_2F_2 (D) *HCl*
- (3) Oxidation number of *Fe* in $K_4[Fe(CN)_6]$ is:-
- (A) +4 (B) +2 (C) +6 (D) -4
- (4) The Carbon atom of *HCHO* is:-
- (A) sp – hybridized (B) sp^2 – hybridized (C) sp^3 – hybridized (D) Not hybridized
- (5) Ammoniacal solution of Silver Nitrate reacts with:-
- (A) 2 – pentyne (B) Ethene (C) 2 – Butyne (D) Ethyne
- (6) _____ acid can be used as catalyst in Friedal – Craft’s reaction.
- (A) $ZnCl_2$ (B) *HCl* (C) HNO_3 (D) $AlCl_3$
- (7) _____ is vicinal dihalide.
- (A) $CH_2BrCH_2CH_2Br$ (B) $CH_3CBr_2CH_3$ (C) CH_3CHBr_2 (D) $\begin{array}{c} CH_2 - CH_2 \\ | \quad | \\ Br \quad Br \end{array}$
- (8) The first product of oxidation of primary alcohol is:-
- (A) Aldehyde (B) Ester (C) Carboxylic acid (D) Ketone
- (9) Calcium formate on heating gives:-
- (A) Methane (B) Methanoic Anhydride (C) Formic acid (D) Formaldehyde
- (10) Formalin is:-
- (A) 40% solution of CH_3CHO (B) 60% solution of *HCHO*
- (C) 100% solution of *HCHO* (D) 40% solution of *HCHO*
- (11) The nature of Alanine is:-
- (A) Acidic (B) Basic (C) Neutral (D) Weakly acidic
- (12) Polymer of Chloroethylene is:-
- (A) Terylene (B) PVC (C) Teflon (D) Nylon
- (13) The percentage of Gypsum in Cement is:-
- (A) 4 – 5 % (B) 3 – 4 % (C) 2 – 3 % (D) 1 – 2 %
- (14) Ozone is present in _____ layer of atmosphere.
- (A) Troposphere (B) Mesosphere (C) Thermosphere (D) Stratosphere
- (15) In the periodic table all the non-metals are placed under _____ of the blocks.
- (A) *f* (B) *d* (C) *p* (D) *s*
- (16) _____ element is most electropositive out of group I A and II A.
- (A) *K* (B) *Mg* (C) *Na* (D) *Ca*
- (17) The Oxide of boron B_2O_3 is:-
- (A) Ionic (B) Basic (C) Amphoteric (D) Acidic