Paper Code Number: 8484

2015 (A) Roll No._____

INTERMEDIATE PART-II (12th CLASS)

CHEMISTRY PAPER-II (NEW SCHEME) TIME ALLOWED: 20 Minutes

GROUP-II **OBJECTIVE** MAXIMUM 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. 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) Acetic acid is manufactured by:-

(A) Distillation (B) Fermentation (C) Ozonolysis (D) Esterification

(2) The reaction between Fat and $NaOH$ is called:-

(A) Esterification (B) Hydrolysis (C) Fermentation (D) Saponification

(3) _____ three elements are needed for the healthy growth of plants.

(A) N, S, P (B) N, Ca, P (C) N, P, K (D) N, K, C

(4) The pH range of the acid rain is:-

(A) 7 – 6.5 (B) 6.5 – 6 (C) 6 – 5.6 (D) Less than 5

(5) Keeping in view the size of atoms, which order is the correct on:-

(A) $Mg > Sr$ (B) $Ba > Mg$ (C) $Lu > Ce$ (D) $C\ell > I$

(6) _____ does not belong to Alkaline-earth metals.

(A) Be (B) Ra (C) Ba (D) Rn

(7) _____ metal is used in the thermite process because of its reactivity.

(A) Iron (B) Copper (C) Aluminum (D) Zinc

(8) The brown gas formed, when metal reduces HNO_3 ,is:-

(A) N_2O_5 (B) N_2O_3 (C) NO_2 (D) NO

(9) _____ is used as a cooling medium for nuclear reactors.

(A) Ne (B) He (C) Ar (D) Kr

(10) Coordination number of Pt in $\left[PtC\ell\left(NO_2\right)\left(NH_3\right)_4\right]$ is:-

(A) 2 (B) 4 (C) 1 (D) 6

(11) In t–butyl alcohol, the tertiary carbon is bonded to:-

(A) Two $H-$atoms (B) Three $H-$atoms (C) One $H-$atom (D) No $H-$atom

(12) _____ gas is used for artificially ripening of fruits.

(A) Methane (B) Ethane (C) Ethyne (D) Propyne

(13) The electrophile in aromatic sulphonation is:-

(A) H_2SO_4 (B) HSO_4^{-1} (C) SO_3 (D) SO_3^{+1}

(14) Elimination bimolecular reactions involve:-

(A) 1st order Kinetics (B) 2nd order Kinetics (C) 3rd order Kinetics (D) Zero order Kinetics

(15) According to Lewis concept ethers behave as:-

(A) Acid (B) Base (C) Electrophile (D) Acid as well as a base

(16) The Carbon atom of a carbonyl group is ____ hybridized.

(A) sp (B) sp^2 (C) sp^3 (D) dsp^2

(17) _____ will react with both Aldelyde and Ketones.

(A) Grignard reagent (B) Tollen's reagent (C) Fehling solution (D) Bendict's solution