

INTERMEDIATE PART-II (12th CLASS)

CHEMISTRY PAPER-II (OLD SCHEME)

TIME ALLOWED: 20 Minutes

GROUP-I

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) _____ acid can be used as a catalyst in Friedel-Crafts reactions.
 (A) $AlCl_3$ (B) HNO_3 (C) $BeCl_2$ (D) $NaCl$
- (2) _____ compound shows Hydrogen bonding.
 (A) C_2H_6 (B) C_2H_5Cl (C) $CH_3 - O - CH_3$ (D) C_2H_5OH
- (3) In primary Alkyl Halides the halogen atom is attached to a Carbon which is further attached to _____ Carbon atoms.
 (A) Two (B) Three (C) One (D) Four
- (4) Cannizzaro's reaction is not given by:-
 (A) Formaldehyde (B) Acetaldehyde (C) Benzaldehyde (D) Trimethylacetaldehyde
- (5) _____ is not a Fatty Acid.
 (A) Propanoic Acid (B) Acetic Acid (C) Phthalic Acid (D) Butanoic Acid
- (6) The reaction between Fat and $NaOH$ is:-
 (A) Esterification (B) Hydrogenolysis (C) Fermentation (D) Saponification
- (7) _____ woody raw material is used for the manufacture of Paper pulp.
 (A) Cotton (B) Bagasse (C) Poplar (D) Rice straw
- (8) A single Chloride free radical can destroy _____ ozone molecules.
 (A) 1000 (B) 100000 (C) 10000 (D) 10
- (9) _____ will react with both Aldehydes and Ketones.
 (A) Grignard's reagent (B) Tollen's reagent (C) Fehling's reagent (D) Benedict's reagent
- (10) Keeping in view the size of atoms which order is the correct one:-
 (A) $Mg > Sr$ (B) $Ba > Mg$ (C) $Lu > Ce$ (D) $Cl > I$
- (11) _____ does not belong to Alkaline earth metals.
 (A) Be (B) Ra (C) Ba (D) Rn
- (12) _____ metal is used in Thermite Process because of its activity.
 (A) Iron (B) Copper (C) Aluminium (D) Zinc
- (13) Among group VA the most electronegative element is:-
 (A) Sb (B) N (C) P (D) As
- (14) Hydrogen bond is the strongest between the molecules of:-
 (A) HF (B) HCl (C) HBr (D) HI
- (15) _____ is a non-typical transition element.
 (A) Cr (B) Mn (C) Zn (D) Fe
- (16) The state of Hybridization of Carbon atom in Methane is:-
 (A) sp^3 (B) sp^2 (C) sp (D) dsp^2
- (17) Preparation of Vegetable Ghee involves:-
 (A) Halogenation (B) Hydrogenation (C) Hydroxylation (D) Dehydrogenation