

CHEMISTRY224-1st Annual-(INTER PART – II)

Time Allowed : 20 Minutes

Q.PAPER – II (Objective Type)

GROUP – I

Maximum Marks : 17

PAPER CODE = 8487

Note : Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1	Which of these polymers is an addition polymer : (A) Nylon-6,6 (B) Polystyrene (C) Terylene (D) Epoxy resin
2	Preparation of vegetable ghee involves : (A) Halogenation (B) Dehydrogenation (C) Hydroxylation (D) Hydrogenation
3	One of the following hydrogen halide is the weakest acid in solution : (A) HI (B) HBr (C) HCl (D) HF
4	Which compound shows hydrogen bonding : (A) C_2H_6 (B) C_2H_5Cl (C) $CH_3-CH_2-CH_3$ (D) C_2H_5OH
5	One of the following acid can be used as a catalyst in Friedel-Crafts reactions : (A) $AlCl_3$ (B) HNO_3 (C) $BeCl_2$ (D) H_2SO_4
6	Down's cell is used to prepare : (A) Sodium carbonate (B) Sodium bicarbonate (C) Sodium metal (D) Sodium hydroxide
7	Newspaper can be recycled again and again by how many times : (A) 2 (B) 3 (C) 4 (D) 5
8	Co-ordination number of Pt in $[PtCl(NO_2)(NH_3)_4]$ is : (A) 6 (B) 4 (C) 1 (D) 2-
9	Acetic acid is manufactured by : (A) Distillation (B) Ozonolysis (C) Fermentation (D) Esterification
10	Select the two normal elements which are present in fourth period : (A) K, Ca (B) Rb, Sr (C) Cs, Ba (D) Fr, Ra
11	When ethylene epoxide ($\begin{array}{c} O \\ \diagup \quad \diagdown \\ CH_2-CH_2 \end{array}$) is made to react with ethyl magnesium bromide followed by acid hydrolysis the product formed is : (A) 1-propanol (B) 2-propanol (C) 1-butanol (D) 2-butanol
12	One of the following metal used in the thermite process because of its reactivity : (A) Iron (B) Copper (C) Aluminium (D) Zinc
13	Which woody raw material is used for the manufacture of paper pulp : (A) Cotton (B) Bagasse (C) Poplar (D) Rice straw
14	Cannizzaro's reaction is not given by : (A) Formaldehyde (B) Acetaldehyde (C) Benzaldehyde (D) Trimethylacetaldehyde
15	The formation of chloramines prevented in ---- pH : (A) Acidic (B) Alkaline (C) Neutral (D) Low
16	Select from the following one which is alcohol : (A) CH_3-O-CH_3 (B) CH_3-CH_2-OH (C) CH_3COOH (D) CH_3-CH_2-Br
17	Choose the gas which is obtained by the reaction of phosphorus with thionyl chloride : (A) SO_2 (B) PH_3 (C) CO_2 (D) C_2H_2