

CHEMISTRY

Q.PAPER – II (Objective Type)

222-(INTER PART – II)

GROUP – I

Time Allowed : 20 Minutes

Maximum Marks : 17

PAPER CODE = 8485

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 one of the following is not a nucleophile : (A) H_2O (B) H_2S (C) BF_3 (D) NH_3
2	Which of following is a typical transition element : (A) Sc (B) Y (C) Ra (D) Co
3	Acetic acid is manufactured by : (A) Distillation (B) Fermentation (C) Ozonolysis (D) Esterification
4	Chile saltpetre has the chemical formula : (A) $NaNO_3$ (B) KNO_3 (C) $Na_2B_4O_7$ (D) Na_2CO_3
5	Ozone layer is present in range of : (A) 0 – 5 km (B) 10 – 15 km (C) 15 – 25 km (D) 25 – 28 km
6	Formula of chloroform is : (A) CH_3Cl (B) CCl_4 (C) CH_2Cl_2 (D) $CHCl_3$
7	Laughing gas is chemically : (A) NO (B) N_2O (C) NO_2 (D) N_2O_4
8	Which among following oxides is amphoteric : (A) Na_2O (B) MgO (C) SO_3 (D) ZnO
9	Which compound is called a universal solvent : (A) H_2O (B) CH_3OH (C) C_2H_5OH (D) $CH_3 - O - CH_3$
10	Which is not a calcareous material : (A) Lime (B) Clay (C) Marble (D) Marine shell
11	The electrophile in aromatic sulphonation is : (A) H_2SO_4 (B) HSO_4^- (C) SO_3 (D) SO_3^+
12	The anhydride of $HClO_4$ is : (A) ClO_3 (B) ClO_2 (C) Cl_2O_5 (D) Cl_2O_7
13	Residence time of NO in atmosphere is : (A) 1 day (B) 2 days (C) 3 days (D) 4 days
14	The state of hybridization of carbon atom in methane is : (A) sp^3 (B) sp^2 (C) sp (D) dsp^2
15	Tinical is a mineral of : (A) Al (B) B (C) Si (D) C
16	The carbon atom of a carboxyl group is : (A) sp hybridized (B) sp^2 hybridized (C) sp^3 hybridized (D) sp^3d^2 hybridized
17	The reaction between fat and NaOH is called : (A) Esterification (B) Hydrogenolysis (C) Fermentation (D) Saponification