

CHEMISTRY

219-(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	The fibre which is made from acrylonitrile as monomer : (A) PVC (B) Rayon fibre (C) Acrylic fibre (D) Polyester fibre
2	Vinyl acetylene combines with HCl to form : (A) Chloroprene (B) Benzene (C) Poly acetylene (D) Divinyl acetylene
3	Hydrogen bond is the strongest between the molecules of : (A) HCl (B) HBr (C) HI (D) HF
4	Which enzyme is not involved in fermentation of starch : (A) Urease (B) Zymase (C) Invertase (D) Diastase
5	Aromatic hydrocarbons are the derivatives of : (A) Alkene (B) Benzene (C) Cyclohexene (D) Normal series of paraffins
6	Chile saltpetre has the chemical formula : (A) $NaNO_3$ (B) KNO_2 (C) $Na_2B_4O_7$ (D) $Na_2CO_3 \cdot H_2O$
7	The pH range of the acid rain is : (A) 7 – 6.5 (B) 6.5 – 6 (C) 6 – 5.6 (D) Less than 5
8	The percentage of carbon in different type of iron products is in the order of : (A) Cast iron > wrought iron > steel (B) Wrought iron > steel > cast iron (C) Cast iron > steel > wrought iron (D) Cast iron = steel > wrought iron
9	Which acid is used in the manufacture of synthetic fibre : (A) Formic acid (B) Acetic acid (C) Oxalic acid (D) Carbonic acid
10	Mark the correct statement : (A) Na^+ is smaller than Na atom (B) Na^+ is larger than Na atom (C) Cl^- is smaller than Cl atom (D) Cl^- (ion) and Cl (atom) are equal in size
11	Elimination bimolecular reactions involve : (A) Zero order reactions (B) First order reactions (C) Second order reactions (D) Third order reactions
12	Boric acid cannot be used : (A) An antiseptic in medicine (B) For washing eyes (C) In soda bottles (D) For enamels and glazes
13	Which of these polymers is an addition polymer : (A) Nylon – 6, 6 (B) Polystyrene (C) Terylene (D) Epoxy resin
14	Which of the following will have the highest boiling point : (A) Methanal (B) Ethanal (C) Propanal (D) 2-Hexanone
15	Which woody raw material is used for the manufacture of paper pulp : (A) Cotton (B) Bagasse (C) Poplar (D) Rice straw
16	Which set of hybrid orbitals has planar triangular shape : (A) dsp^2 (B) sp^3 (C) sp^2 (D) sp
17	Laughing gas is chemically : (A) NO (B) N_2O (C) NO_2 (D) N_2O_4