

Inter (Part-II) 2018

Chemistry	Group-II	PAPER: II
Time: 20 Minutes	(OBJECTIVE TYPE)	Marks: 17

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 oxides is more acidic:
(a) MnO (b) Mn₂O₃
(c) MnO₂ (d) Mn₂O₇ ✓
- 2- Formula of sodium beryllate is:
(a) Na₂B₄O₇ (b) Na₂BeO₂ ✓
(c) BeONa (d) Na₂B₄O₇ · 10H₂O
- 3- Bauxite is an ore of:
(a) B (b) Al ✓
(c) Mg (d) Ca
- 4- The lowest ionization energy is possessed by:
(a) P (b) N
(c) Sb ✓ (d) As
- 5- Which is the weakest oxidizing agent:
(a) Br₂ (b) Cl₂
(c) F₂ (d) I₂ ✓
- 6- Which one of the following is a non-typical transition element:
(a) Cr (b) Mn
(c) Cd ✓ (d) Fe
- 7- For a ketone having molecular formula C₅H₁₀O, the number of possible metamers are:
(a) 2 ✓ (b) 3
(c) 4 (d) 5
- 8- Addition of water to acetylene takes place in presence of:
(a) Ni (b) HgSO₄ / H₂SO₄ ✓
(c) ZnCl₂ (d) Cu

9- Which one of the following species is an electron releasing:

- (a) $-\text{CHO}$ (b) $-\overset{\text{O}}{\parallel}{\text{C}}-\text{R}$
(c) $-\text{OH}$ ✓ (d) $-\text{COOH}$

10- When ethyl magnesium bromide reacts with HCHO followed by acid hydrolysis, the product formed is:

- (a) Ethanol (b) 1-Propanol ✓
(c) Ethanoic acid (d) 2-Propanol

11- Which one of the following compounds is more acidic:

- (a) $\text{H}_5\text{C}_6\text{OH}$ (b) H_2O
(c) $\text{H}_5\text{C}_2\text{OH}$ (d) H_3CCOOH ✓

12- Which one of the following compounds will not give iodoform test:

- (a) Ethanol (b) Acetaldehyde
(c) Butanone (d) 3-Pentanone ✓

13- The solution of which acid is used for seasoning of food:

- (a) Formic acid (b) Acetic acid ✓
(c) Benzoic acid (d) Butanoic acid

14- Which one of the following nitrogenous base is not present in RNA:

- (a) Thiamine ✓ (b) Cytosine
(c) Adenine (d) Uracil

15- Ammonium nitrate fertilizer is not used for which crop:

- (a) Cotton (b) Wheat
(c) Sugar-cane (d) Paddy rice ✓

16- In purification of potable water, the coagulant used is:

- (a) Nickel sulphate (b) Alum ✓
(c) Copper sulphate (d) Barium sulphate

17- Fungicides are used to:

- (a) Control the growth of fungus ✓
(b) Kill insects
(c) Kill plants
(d) Kill herbs