

Std 10 – Chemistry Terminal Paper 2020

Objective Type Questions - 20 marks

Duration - 30 minutes

* Required

1. Email address *

2. Name of the student *

Q.1) Choose the correct answer from the options given below:

3. a) A strong electrolyte from the following is: *

1 point

Mark only one oval.

- Acetic acid
- Oxalic acid
- Ammonium hydroxide
- Sodium hydroxide

4. b) Electron affinity is maximum in: *

1 point

Mark only one oval.

- Alkali metals
- Alkaline earth metals
- Halogens
- Inert gases

5. c) The ion which could be discharged most readily during electrolysis: * 1 point

Mark only one oval.

- Fe²⁺
 Cu²⁺
 H⁺
 Ag¹⁺

6. d) The drying agent used to dry ammonia gas is: * 1 point

Mark only one oval.

- Conc. Sulphuric acid
 Phosphorus pentoxide
 Fused Calcium chloride
 Calcium oxide

7. e) A bond formed by a shared pair of electrons with both electrons coming from the same atom. * 1 point

Mark only one oval.

- Covalent bond
 Ionic bond
 Co-ordinate bond
 Electrovalent bond

Q.2) State one observation for each of the following:

8. a) Dilute Hydrochloric acid is added to Silver nitrate solution. * 1 point

9. b) Concentrated Nitric acid is added to Copper turnings. * 1 point

10. c) Ammonium hydroxide solution is added in excess to copper sulphate solution. * 1 point

11. d) Sodium hydroxide solution is added to Iron (III) chloride solution. * 1 point

12. e) At anode during the electrolysis of fused lead bromide. * 1 point

Q.3) Arrange the following as per the instructions given in the brackets:

13. a) He, Ar, Ne (Increasing order of the number of electron shells) * 1 point

14. b) Na, Cl, Mg, P (Decreasing order of atomic size) * 1 point

15. c) C, Li, F, N (Increasing order of electronegativity) * 1 point

16. d) Cl, Al, Na, S (Increasing order of ionisation potential) * 1 point

17. e) Li, F, C, O (Increasing order of electron affinity) * 1 point

Q.4) Compound X consists of molecules.

18. a) The type of bonding in X will be _____ * 1 point

19. b) X is likely to have a _____ melting and boiling point. * 1 point

20. c) In the liquid state, X will _____ (conduct/not conduct) electricity. * 1 point

Q.5) Identify the gases in these cases:

21. a) The liberated when conc. HCl reacts with Red lead. * 1 point

22. b) The gas which burns with a green flame and reduces a heated metallic oxide to a metal. * 1 point
