

IX-Chemistry Terminal Paper: 2020-21

Objective Type Questions (20 marks)

Duration: 30 min

* Required

1. Email address *

2. Name of the student *

Q.1) Name the following:

3. a) An atom which has no neutron. *

1 point

4. b) An element which exhibits variable valency 2+ and 4+ *

1 point

5. c) The reagent which turns from colourless to pale brown in ammonia. *

1 point

6. d) A salt whose solubility decreases with rise in temperature. *

1 point

7. e) Colour of the residue when Copper [II] nitrate is heated in a dry test tube. * 1 point

Q.2) Identify these gases and write a confirmatory test:

8. a) Greenish yellow gas * 2 points

9. b) Colourless, smells like rotten eggs * 2 points

10. c) Reddish brown gas * 2 points

Q.3) Two elements 'A' and 'B' have atomic numbers 19 and 17.

11. a) What is the electronic configuration of 'A' * 1 point

12. b) What is the electronic configuration of 'B' * 1 point

13. c) Write down the formula of the compound between A and B. * 1 point

14. Q.4) Write down the mass number of the atom having 20 neutrons and 15 protons. *

1 point

15. Q.5) Write down the number of neutrons in the nucleus of an atom having atomic number 17 and mass number 37. *

1 point

Q.6) Write down the names of the precipitates when the following are reacted:

16. a) Copper [II] sulphate and sodium hydroxide *

1 point

17. b) Lead [II] nitrate and sodium sulphate *

1 point

Q.7) Correct the following statements by changing one word and rewrite:

18. a) Iron [III] chloride is efflorescent in nature. *

1 point

19. b) Water vapour turns white anhydrous copper sulphate pink. *

1 point
