CHEMISTRY 2017

Time: 30 Minutes   Max. Marks: 17

SECTION 'A' (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (17)

1. Oxygen was discovered by:
   - J. Priestly • J. Black • Cavendish • Scheele

2. 5 moles of water are equal to:
   - 80 g • 90 g • 100 g • 180 g

3. A reaction in which a chemical substance breaks down to form two or more simpler substances is called:
   - Decomposition reaction • Addition reaction
   - Displacement reaction • Combustion reaction

4. It is the lightest particle in the following:
   - Electron • Proton • Neutron • Alpha particle

5. Atomic number of Fluorine is:
   - 7 • 9 • 11 • 20

6. The sum of the mole fractions of solute and solvent is equal to:
   - 5 • 2 • 0 • 1

7. When molten sodium chloride is electrolyzed, it is formed at cathode:
   - Sodium • Chlorine • Hydrogen • Oxygen

8. The electrolyte used in lead storage battery is dilute solution of:
   - HCL • NaCL • H_2SO_4 • HNO_3

9. Alum is:
   - Single salt • Double salt • Triple salt • Normal salt

10. In this reaction heat is taken in:
    - Exothermic reaction • Endothermic reaction
    - Neutralization • Combustion

11. A human being drinks water daily about:
    - 5 litres • 2 litres • 1 litres • 10 litres

12. China clay is used in making of:
    - Glass • Electrical Insulator • Crockery • Ceramics

13. The molecular formula of sand is:
    - SiO_2 • SiO_3 • Na_2O • $CaSiO_3$

14. The medal given to third position holder in any event is made up of:
    - Bronze • Brass • Nichrome • Copper

15. Natural gas mainly consists of:
    - Ethane • Methane • propane • Butane

16. General formula for alkane is:
    - C_nH_{2n} • C_nH_{2n+2} • C_nH_{2n+1} • C_nH_{2n-2}

17. The constituent of shoe polish provides shinning in the shoes:
    - Bee Wax • Pearl ash • Soap • Sodium Hydroxide