**Balochistan Board of Intermediate and Secondary Education, Quetta**

Model Paper for SSC Examination 2017 and Onwards

Subject: Chemistry Total Marks = 63 Class 10th

Note: Deleting/ Over writing is not allowed

**Part – I**

Q No 1: (a) Tick the correct answers. (10)

1. The types of equilibrium found in nature could be of
2. 2, (B) 3 (C) 4 (D) 5
3. The carbon dioxide cycle involves.
4. Static equilibrium (B) Dynamic equilibrium

(C) Does not related with equilibrium (D) related with atmospheric pressure.

1. A solution having PHOF 7.5 mean that it is.

(a) Acidic (B) Basic (C) Neutral (D) Am photonic

1. NaHCo3 is categorized as.

(a) Organic Compound (B) Inorganic Compound

(C) Sometime organic and sometime is organic (D) Bio – Organic compound

1. The simplest member of hydrocarbon family is the.

(a) C4H10 (B) C3H8 (C) C2H6 (D)CH4

1. Salts are produced when a Base reacts with
   1. An acid b. Another Base c. Another salt d. Oxides
2. Important sources of organic compound is
   1. Coal b. Petroleum c. Natural gas d. All of gases
3. Protein contain the functional group
   1. Carboxyl b. Amino c. Aldehydic group d. Both Amino and Carboxyl
4. Deficiency of Vitamin A causes
   1. Night blindness b. Scurvy c. Bone Diseases d. Anemia
5. Pure water has the taste
   1. Salty b. Sweet c. Sour d. Tasteless

B) Fill in the Blanks with suitable words (3)

1. Vapour pressure is an important example of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ equilibrium.
2. The aluminum chloride falls under the type of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ salts.
3. Benzene is an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hydrocarbons.

C) Tell true and false. (2)

1. The three types of chemical equilibrium?
2. The word “acid” comes from the Latin acids.

**Part - II**

Q No 2: Give short answer, answer should not exceed three to four lines. (Do any 10) 3x10=30

1. How many types of equilibrium?
2. Describe the properties of acids?
3. What is indicators?
4. Define the organic chemistry.
5. The most inferior type of coal is the peat?
6. Define the functional groups.
7. What is Hydro Carbons? Define it?
8. Describe the chemistry combustion.
9. What is Organic Compounds?
10. What is Solubility?
11. What is monosaccharide?
12. What is R.N.A?

**Part III**  3 x 6 = 18

Note: Attempt any three questions (draw diagram where necessary)

Q No3: What do you know about acid and base, also write the kinds of Salts in detail?

Q No4: What are Carbohydrates and do you know about monosaceh asides?

Q No5: What is water pollution and write in detail disadvantages of using hard water?

Q No6: How many type of Equilibrium, Describe in detail

Q No7 (a) Write the Chemical formula of the following.

1. Sulfuric Acid 2. Silver Nitrate 3. Copper Sulfate 4. Calcium Chloride
2. Complete and Balance the equations?
3. Mg + O2 -----> 2. Na + H2 SO4 -----> 3. Hcl + NaoH -----> 4. HNO3 + NaoH---->