Sylhet Women’s Medical College

**Department of Biochemistry**

Card Final Exam on

“**General Biochemistry**”

SWMC-9, SAQ

Full Marks: 40 Time: 1.20 min Date: 06.03.2014

(Answer any eight (08) questions. All questions carry equal marks)

1. Define pH. Write the importance of pH .What are the properties of pH scale. 1+2+2

2. Classify Solution. What is normal saline and normal solution? How will you prepare

200ml of isotonic saline? 1+2+2

3. Define colloid. Give the properties of colloid. What is protective colloid? 1+3+1

4. Define and classify buffers. What are factors affecting the buffering capacity? 1+2+2

5. Define enzyme. Give the IUB classification with example. 1.5+3.5

6. State the functional classification of protein. What is denaturation? 3.5+1.5

7. Define and classify polysaccharides with example. What is assymetric carbon, invert sugar?

8. What are essential fatty acids? State their importance and deficiency features. 1+1+3

9. Name the reference carbohydrate and reference cabon. What are the isomers of

Monosaccharide? 2+3