**Department of Biochemistry**

Sylhet Women’s Medical College

Card Completion examination on

“General Biochemistry”

1st Year, (SWMC-10), SAQ

Full Marks: 40 Time: 1.20 min, Date: 19.03.2015

*(Answer any eight (08) questions. Each questions carry equal marks)*

1. Define pH State the properties of pH scale. How pH is maintained? 1+2+2
2. Classify solutions. What are the properties of colloid? What is protective colloid? 2+2+1
3. Define buffer. How buffer acts? What is buffering capacity? 1+2+2
4. Define enzyme, coenzyme and isoenzyme. Give the IUB classification of enzyme with example 3+2
5. Give the ffunctional classification of protein with example. What is denotation of protein & zwitterions? 3+2
6. Define and classify polysaccharides with example. What is reference sugar and reference carbon. 3+2
7. What is isomerism and chairal carbon. State the different types of isomerism of glucose. 2+3
8. Name the EFAs with their functions and deficiency features. What is Omega carbon? 4+1
9. Write short note on:

i)Isotopes ii) Eicosanoids. 2.5+2.5