Sylhet Women’s Medical College

**Department of Biochemistry**

Card Completion examination on

**“Clinical Biochemistry”**

SWMC-9 SAQ

Full Marks 40 Time: 1.20 min, Date: 08.02.2015

*(Answer 8 questions. Each questions carry equal marks)*

1. What are the biochemical approach to diagnose Diabetes Mellitus?

Mention the preparation and interpretation of OGTT. 2+1.5+1.5

2. Define and classify Jaundice. How can you differentiate different types of Jaundice biochemically? 2 + 3

3. Define “Quality Control”(QC)- in a Clinical Biochemistry Laboratory. What are

its components? Name the specimens used for biochemical tests. 1+2+2

4. Write down the common renal function tests with interpretation. Why serum creatinine is a better marker than urea ? 3+2

5. Define lipid profile. Mention the normal values of lipid profile in SI unit & conventional unit. What is dyslipidemia? 1+3+1 .

6. Enumerate the thyroid function tests with interpretation. Mention the significance of TFTs.

2.5+2.5

7. Short Notes on: (a) Photometry (b) HbA1C 2.5+2.5

8. Mention the common Lab hazards. How you can minimize this is clinical lab.

2.5+2.5

9. Name five clinically important enzymes with their normal values. Mention the enzymes pattern in liver & myocardial diseases. 2+3