**Department of Biochemistry**

**Sylhet Women’s Medical College**

**Card Final Examination on “Clinical Biochemistry and clinical Endocrinology”**

**SWMC-10, SAQ**

**Full marks: 40 Time: 1.20min Date: 09.12.15**

**(Answer any 8 questions. All question carry equal marks)**

1. Mention the common hazards and associated safety measures in a clinical lab. 3+2
2. State the basic principles of photometry. Name the parts of a colorimeter. What is optical density? 2+2+1
3. Mention the renal function tests. Which one is the best test for early detection of renal dysfunction? 4+1
4. Mention the common liver function tests. Differentiate three types of Jaundice biochemically. 3+2
5. Name five clinically important enzymes with their normal values. Mention the enzyme pattern in MI. 3+2
6. Mention the components of lipid profile with reference value. Define and classify dyslipidemia. 2+3
7. Give the structure of insulin. What are the effects of insulin lack on protein and fat metabolism? What is C peptide? 1+3+1
8. How can we approach for diagnosis of DM? Interprete OGTT. 3+2
9. Name thyroid hormones. Mention the major thyroid function tests with interpretation.What is Hyperthyroidism? 1+3+1