**Sylhet Women’s Medical College**

**Department of Biochemistry**

**Card Final Examination on “Clinical Biochemistry”**

**SWMC-8, SAQ**

**Full marks: 40 Time: 1.20min Date: 27.04.2014**

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

1. Mention the liver function tests. Differentiate the types of jaundice. (3+2)
2. Mention the renal function tests. Give the clearance value of glucose, creatinine and urea. (3.5+1.5)
3. What is dyslipidaemia? What are the causes of hypercholesterolemia? What are concequence of hypercholesterolemia? (1+2+2)
4. Name five clinically important enzymes with their normal values. Mention the enzymes pattern in liver & myocardial diseases. (2+3)
5. Define electrolyte profile and lipid profile. State the component of lipid profile and electrolyte profile with normal value. (2+3)
6. What are the causes of oedema? Tell the mechanism of oedema formation in hypoproteinemia? (2+3)
7. What is proteinuria? Write the cause of proteinuria? Name the test done to see the presence of protein in urine. (1+2+2)
8. Discuss laboratory hazards. How will you prevent them? (2.5+2.5)
9. Define quality control. What are the types of quality control? What are the components of quality control? (1+1+3)