Sylhet Women’s Medical College

**Department of Biochemistry**

Card Final Exam on

**“Clinical Endocrinology”**

SWMC-8, SAQ

Full Marks: 40 Time: 1.20 min Date: 30.03.2014

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

1. Define hormone. Classify hormones according to their mechanism of action. How steroid hormones act? (1+2+2)

2. Mention the functions of thyroid hormone. State the clinical features & laboratory finding of a patient of hyper thyroidism. (2+3)

3. What are the metabolic functions of Cortisol? State its role on inflammation. (3+2)

4. Mention the hormonal control of calcium homeostasis. Mention manifestation of tetany.

(3+2)

5. Write the structure of insulin. State the metabolic function of insulin. Mention the importance of C- peptide (1.5+2.5+1)

6. Name the essential endocrine glands. State the function & regulation of secretion of aldoslerone. (1.5+3.5)

7. Write in brief the role of hormone in blood glucose homeostasis. What is diabetes insipidus? (3+2)

8. What are the hormones of anterior pituitary gland? What are the differences between pituitary dwarfism & cretinism? (2+3)

9. Write short note on: 1) Addison’s disease

2) Myxedema

(2.5+2.5)