Sylhet Women’s Medical College

**Department of Biochemistry**

Card Final Exam on Roll no -

**“Clinical Endocrinology”**

SWMC-8, MCQ

Full Marks: 10 Time: 10 min Date: 30.03.2014

Write T for true & F for false at the left side.

**1.** Gr. I hormones--- **6.**Important functions of T4 includes---

…...a) Bind to intracellular receptors …...a) Decrease fat metabolism

….. .b) Hydrophilic in nature ….. .b) Increased glucose absorption

……c) Lipophilic in nature from intestine

..….d) Mostly derived from cholesterol ...….c) Promotion of growth

...…e) Stimulate transcription & translation ...…d)Calorigenic action

……e) Increase serum cholesterol

**2.** Hormone that bind with intracellular receptor--- **7.**Glucagon---

…...a) Mineralocorticoids …...a) Activate adenylcyclase

….. .b) Glucocorticoids ….. .b) Help to activate phosphorylase

……c) ADH ……c) Accelerates glycogensis …….d) Glucagon ...….d) Inhibits glycogenolysis

...…e) Growth hormone ...…e) Release from adrenal gland

**3.** Hormones regulating ECF volume & osmotic **8.**The secretion of growth hormone is

Pressure--- increased by ---

. …...a) Aldosterone . …...a) Hyperglycemia

….. .b) Calcitriol ….. .b) Exercise & exitement

……c) Atrial natriuretic peptide ……c) Somatostatin

..…..d) ADH ...….d) Free fatty acid

....…e) Growth hormone ...…e) Young age

**4.** In Addison’s disease--- **9.**Cushing’s syndrome--- . . …....a) Plasma Cortisol level increased …...a) Occurs due to hyper secretion to ….. .b) Patient develops hypertension glucocorticoids ……c) Patient develops hyper pigmentation ….. .b) Is characterized by obesity

..….d) Patient develops muscular weakness ……c) Causes moon face

...…e) Plasma ACTH level is high ..….d) Produces purple striae abdomen

...…e) Hypertension & hyperglycemia

**5.** Goiter occurs due to the following defect--- **10.** Insulin --- .…...a) Iodine transport . …...a) Inhibits lipoprotein lipase ….. .b) Iodination ….. .b) Stimulates lipoprotein lipase ……c) De-iodinase deficiency ……c) Activates hormone sensitive lipase

.. ….d) Lack of thyroglobulin ……d) Inhibits hormone sensitive lipase

...…e) Production of excess TSH . ....…e) Causes ketogeneis