**Department of Biochemistry**

Sylhet Women’s Medical **Roll No:………**

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

**SWMC-10, MCQ**

**Full marks : 10 Time: 10 min Date: 09.12.15**

**Write T for correct answer & F for incorrect answer**

1**. Proteinuria is―**

…...a) always pathological

….. .b) presence of > 150 mg/dl of protein in urine

……c) a kidney function test

..….d) detected by Benedict’s test

...…e) detected by heat coagulation test

**2.Bilirubin-**

…...a) is a breakdown product of heam

….. .b) is a breakdown product of globin

……c) has serum level conc of 0.2-0.8 mg/dl

..….d) is water soluble when unconjugated.

...…e) level raises most in obstructive jaundice.

**3.Prothrombin time-**

…...a) normally 12-16 seconds

….. .b) prolonged due to renal disease

……c) prolonged due to liver disease

..….d) prolonged due to vitamin K deficiency

...…e) INR is calculated from it

**4.** **In hypothyroidism –**

…...a) BMR is increased

.…..b) serum TSH is increased

……c) serum T3 is increased

..…..d) serum cholesterol is increased

....…e) TBG remains normal.

**5. Effect of insulin are –**

…...a) ↑ glycogenesis

.…..b) ↑ K+ transport out of the cell

……c) ↑ Lipolysis

..…..d) inhibit hormone sensitive lipase

....…e) inhibit lipoprotein lipase.

**6. In cretinism**

--------a) child becomes idiotic

--------b) serum T3, T4 level rises and TSH level decreases

--------c) growth is retarded

--------d) BMR decreases

--------e) CNS is affected

**7. Components of quality control are**

--------a) Accuracy

--------b) precesion

--------c) specificity

--------d) sensitivity

--------e) None of above

**8.Electrolyte profile includes-**

--------a) Sodium

--------b) Potassium

--------c) Calcium

--------d) Chloride

--------e) Bicarbonate

**9. Normal serum level-**

--------a) Creatinine: 0.6-1.6 mg/dl

--------b) Urea: 15-45 mg/dl

--------c) Calcium: 9-11 mg/dl

--------d) Albumin 3.5-5 mg/dl

--------e) Total protein:6-8 g/dl

**10. Clearance test-**

--------a) evaluate filtration function of kidney

--------b) evaluate tubular function of kidney

--------c) CCR :70-140ml/min

--------d) Serum creatinine is better test than clearance test

--------e) Inulin clearance test is ideal