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**2nd Sem. / DMLT, DMLT  
(For Speech and Hearing Impaired)  
Subject : Clinical Biochemistry**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Heparin is an \_\_\_\_\_

- a) Antibiotic
- b) Coagulant
- c) Anti Coagulant
- d) None of the above

Q.2 Serum is a \_\_\_\_\_ colour compound.

- a) Green
- b) Yellow
- c) White
- d) Red

Q.3 Pipette is a \_\_\_\_\_ apparatus

- a) Volumetric
- b) Plasticware
- c) Glassware
- d) All of above

Q.4 Protein is a chain of \_\_\_\_\_

- a) Amino acid
- b) Amylase
- c) Carbon
- d) Hydrogen

Q.5 Blood urea formation is takes place in \_\_\_\_\_

- a) Liver
- b) Muscles
- c) Kidney
- d) None of above

Q.6 CSF sample is collected from \_\_\_\_\_

- a) Vein
- b) Lumbar
- c) Urine
- d) Ear swab

**SECTION-B**

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Define protein.

Q.8 Define urea.

Q.9 Expand GTT.

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Q.10 Expand PFF.

Q.11 What do you mean by anti Coagulant?

Q.12 Define glycolysis.

Q.22 Write down the collection procedure of Urine sample.

Q.23 Write the procedure for collection of stool sample.

Q.24 Write a short note on o' toludine method.

### **SECTION-C**

**Note:** Short answer type questions. Attempt any eight questions out of twelve questions. (8x4=32)

Q.13 Write down the Clinical Significance of uric acid.

Q.14 Discuss the urea cycle.

Q.15 Write the Clinical Significance of Glucose.

Q.16 Write the procedure of uric acid estimation.

Q.17 Write a short note on volumetric apparatus.

Q.18 Write the clinical significance of serum protein.

Q.19 Discuss the principle of albumin estimation.

Q.20 How do you separate the plasma?

Q.21 Write the principle of God pod method.

### **SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.25 Write the principle, procedure & N.R. of glucose estimation.

Q.26 Write the principle, procedure & N.R. of Blood urea.

Q.27 Write the principle, procedure & N.R. of uric acid.