Q.28 How do you separate the serum from blood?

Q.29 Write down the merits & demerits of EDTA.

Q.30 Write down the collection procedure of CSF sample.

Q.31 Write down the principle of Glucose estimation.

Q.32 Write down the collection procedure of Urine sample.

Q.33 Write down the principle of flame photometry.

Q.34 Write down the procedure of uric acid estimation.

Q.35 Write a short note on Quality assurance.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

Q.36 Explain in detail the Internal and External Quality Control.

Q.37 Write the principle, procedure & N.R. of Blood urea.

Q.38 Explain the formation & exertion of urea.

2nd Sem / Branch : DMLT
Subject:- Clinical Biochemistry-II

Time : 3Hrs.　　　　　　　　　M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

Q.1 Heparin is an _____
a) Antibiotic　　　b) Coagulant
c) Anti Coagulant　d) None of 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 _____ is waste product of body.
a) Blood　　　　　b) Tissue
c) Urine　　　　　d) None of above

Q.5 Urea is a _____ Product
a) Nitrogen　　　　b) Carbon
c) Protein　　　　d) None of above

Q.6 Protein is a chain of _____
a) Amino-acid   b) Amylase
c) Carbon   d) Hydrogen

Q.7 Blood urea formation is takes place in _____
a) Liver   b) Muscles
c) Kidney   d) None of above

Q.8 CSF sample is collected from _____
a) Vein   b) Lumbar
c) Urine   d) Ear swab

Q.9 BCG method is used for estimation of _____
a) Albumin   b) Urea
c) Uric acid   d) Glucose

Q.10 GOD-POD method is used for estimation of _____
a) Urea   b) Creatinine
c) Glucose   d) Uric Acid

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

Q.11 Define protein.

Q.12 Define urea.

Q.13 Expand GTT.

Q.14 Expand PFF.

Q.15 Which method is used for chloride sodium estimation?

Q.16 Define glycolysis.

Q.17 What is Quality Control?

Q.18 Define Serum.

Q.19 Write the Normal value of urea.

Q.20 Write the Normal value of Chloride.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

Q.21 Write down the importance of biochemistry.

Q.22 Write down the principle of urea estimation.

Q.23 Write the Clinical Significance of urea.

Q.24 Write the procedure of GTT estimation.

Q.25 Write the procedure of vein puncture blood sample collection.

Q.26 What is the clinical significance of protein estimation?

Q.27 Write the principle of PFF.