

No. of Printed Pages : 4
Roll No.

221922

2nd Sem / Branch : DMLT
Sub.: Clinical Biochemistry

Time : 3Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Uric acid is a _____ Product.
a) Nitrogen b) Carbon
c) Protein d) None of these
- Q.2 Plasma is a _____ Colour compound.
a) Green b) Yellow
c) White d) Red
- Q.3 Pipette is a _____ apparatus.
a) Volumetric b) Plastic ware
c) Glasswave d) All of above
- Q.4 Protein is a chain of _____.
a) Amino-acid b) Amylase
c) Carbon d) Hydragen
- Q.5 _____ is loose connective tissue of body.
a) Blood b) Tissue
c) Urine d) None of above

- Q.6 Blood sample is collected from _____.
a) Vein b) Lumber
c) Urine d) Ear Swab

SECTION-B

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

- Q.7 Define uric acid.
Q.8 Write the Normal value of urea.
Q.9 Expand BCG.
Q.10 Expand PFF.
Q.11 Write the Normal value of blood glucose.
Q.12 Define Protein.

SECTION-C

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

- Q.13 Write down the Clinical Significance of urea.
Q.14 Discuss the urea cycle.
Q.15 Write the Clinical significance of protein.
Q.16 Write the procedure of uric acid estimation.
Q.17 Write a short note on biuret D.A.M. method.
Q.18 Write the procedure for calibration of volumetric apparatus.

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- Q.19 Discuss the procedure of albumin estimation.
- Q.20 How do you separate the serum.
- Q.21 Write the procedure of folin - wu method of PFF.
- Q.22 Write down the collection procedure of CSF sample.
- Q.23 Write the procedure for collection of blood sample.
- Q.24 Write a principle of blood glucose estimation.

SECTION-D

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

- Q.23 Write the principle, procedure & N.R. of Protein estimation.
- Q.24 Write the principle, procedure & N.R. of Blood urea estimation.
- Q.25 Explain the formation & exertion of urea.

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