

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) Glassware
- d) All of above

Q.4 Protein is a chain of ____.

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

Q.5 ____ is loose connective tissue of body.

- a) Blood
- b) Tissue
- c) Urine
- d) None of above

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- 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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