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221922

Roll No.

**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 Uric acid is the last product of _____ metabolism.
- a) Purine b) Carbon
c) Protein d) None of these
- Q.2 Colour of glucose with ortho-toluidine compound is.
- a) Green b) Yellow
c) White d) Red
- Q.3 Na_2WO_4 is formula for
- a) Picric acid b) Sodium tungstate
c) Toluidine d) Biuret
- Q.4 Protein fraction largely present in blood is
- a) Amino-acid b) Albumin
c) Globulin d) Enzyme

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Q.5 Circulatory & loose connective tissue of the body.

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

Q.6 CSF sample is collected from?

- a) Vein b) Urine
c) Lumber d) Ear Swab

SECTION-B

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

- Q.7 Define renal threshold.
- Q.8 Write the Normal value of uric acid.
- Q.9 Expand CSF.
- Q.10 Expand EDTA.
- Q.11 Write the Normal value of blood urea.
- Q.12 Define synovial fluid.

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 uric acid estimation.
- Q.14 Discuss the urea cycle.

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- Q.15 Write the Clinical significance of protein.
- Q.16 Write the procedure of glucose estimation.
- Q.17 Write a short note on Biuret method.
- Q.18 Write the procedure for calibration of volumetric flask.
- Q.19 Discuss the procedure of albumin estimation.
- Q.20 How do you separate the serum from blood.
- Q.21 Write the procedure of folin - wu method of PFF.
- Q.22 Write down the collection and preservation of urine sample.

SECTION-D

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

- Q.23 Write the principle, procedure & Normal Range of Protein estimation.
- Q.24 Write the principle, procedure & N.R. of Blood urea estimation.
- Q.25 Explain the Glucose Tolerance Test with guidelines to patients and interpretation of result with reference to renal threshold.