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Roll No.

3rd Sem / Branch : DMLT

Subject:- Clinical Biochemistry-III

Time : 3Hrs.

M.M. : 100

SECTION-A

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

Q.1 Life span of RBC's

- a) 80 days b) 120 days
- c) 125 days d) 100 days

Q.2 Expand AST

- a) Aspartate serum transminase
- b) Aspartate amino transferase
- c) Alanine serum transminase
- d) Alanine amino transferase

Q.3 Alfa-amylase is released by

- a) Liver b) Brain
- c) Salivary gland d) None of the above

Q.4 Iodometric method is used to estimate _____

- a) Serum Calcium
- b) Inorganic phosphoras
- c) Serum amylase
- d) All of the above

Q.5 The normal value of bilirubin

- a) 0.2-1.0mg/dl b) <1mg/dl
- c) >1mg/dl d) 0.1-1.2mg/dl

Q.6 SGOT is a type of _____

- a) Renal function test b) Liver function test
- c) Cardiac function test d) None of the above

Q.7 RFT stands for

- a) Roulax free test b) Renal function test
- c) Roulax function test d) Renal formation test

Q.8 ALP is more functional in alkaline PH

- a) True b) False
- c) Both a) & b) d) None of the above

Q.9 _____ is known as direct bilirubin

- a) Conjugated b) Unconjugated
- c) Azobilirubin d) Urobilinogen

Q.10 OCPC method is used to estimate _____

- a) SGPT b) SGOT
- c) Calcium d) Chloride

SECTION-B

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

Q.11 High level of ACP is found in _____

Q.12 Define hypocalcaemia ?

Q.13 Define Lipoproteins ?

- Q.14 Expand ALP ?
- Q.15 _____ is known as SGPT
- Q.16 Give the normal range of serum amylase?
- Q.17 In 24 hrs urine, how much protein is excreted in a day?
- Q.18 Name any two methods for the estimation of total serum proteins ?
- Q.19 Expand GFR ?
- Q.20 Give the normal value of total cholesterol.

SECTION-C

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

- Q.21 Explain the procedure of serum calcium ?
- Q.22 Write the principle of total serum cholesterol?
- Q.23 Write the clinical significance of renal function test?
- Q.24 Enlist the clinical importance of triglycerides?
- Q.25 Write a short note on ALT ?
- Q.26 Write the clinical significance of urinary proteins ?
- Q.27 Differentiate between HDL and LDL?
- Q.28 Give the procedure of serum bilirubin method?
- Q.29 Differentiate between conjugated and unconjugated bilirubin?

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- Q.30 Write the principle of SGPT estimation?
- Q.31 What are the function of Lipids?
- Q.32 Write a short note on renal function tests?
- Q.33 Explain the formation of bile salts.
- Q.34 Determine the formula of urea clearance test?
- Q.35 Write a brief note on inorganic phosphorus.

SECTION-D

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

- Q.36 Explain the principle and procedure of ALP estimation ?
- Q.37 Give in detail about the urea clearance test?
- Q.38 Explain the principle and procedure of calcium ions estimation?

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