

This question paper contains 2 printed pages.

Your Roll No.

Sl. No. of Ques. Paper : 2088

GC-3

Unique Paper Code : 32493903

Name of Paper : Clinical Biochemistry (Sec 3)

Name of Course : B.Sc. (Hons.) Bio-Chemistry (CBCS) Skill Enhancement Course

Semester : III

Duration : 2 hours

Maximum Marks : 50

(Write your Roll No. on the top immediately on receipt of this question paper.)

Attempt all questions.

1. (i) Explain the following terms:

- (a) Plasma
- (b) Postprandial glucose
- (c) Poludypsia
- (d) Indirect bilirubin
- (e) Hyperglycemia
- (f) Hypertriglyceridemia
- (g) VLDL
- (h) Precision
- (i) Renal Threshold of glucose
- (j) Jaundice.

(ii) How do you manage the quality control of a clinical laboratory?

1.5×10,5

2. Differentiate between any five of the following:

- (a) Prehepatic and Obstructive Jaundice
- (b) NIDDM and IDDM
- (c) AST and ALT
- (d) LDH1 and LDH2
- (e) CKMB and CKB
- (f) LDL and HDL.

3×5=15

P. T. O.

3. (i) Write short notes on any *three*:

- (i) Disposal of biowaste
- (ii) Lab automation
- (iii) Creatinine clearance
- (iv) Oral glucose tolerance test
- (v) Liver cirrhosis.

3×4=12

(b) What is the significance of adding the following reagents during blood collection?

- (i) EDTA
- (ii) NaF
- (iii) Heparin.

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