

BIOCHEMISTRY

Paper - 2

30th, MAY 2002
(2 hours)

Total marks : 35

SECTION – B

2. Write short answers (any 5 of 6) :

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- a) Draw the diagram explaining the principle of flame photometer. Give the uses of flame photometer.
- b) Give four important factors affecting absorption of iron.
- c) Give four important radiation monitoring precautions.
- d) Give four important functions of (PUFA) polyunsaturated fatty acids.
- e) Mention four tumour markers with their clinical significance.
- f) Mention four glycogen storage diseases with their deficient enzymes.

3. Answer in short: (any 2)

08

- a) Fatty liver and lipotropic factors.
- b) Hyper cholesterolemia.
- c) Metabolic changes in diabetes mellitus.

SECTION – C

4. Discuss the various mechanisms for regulation of Acid-base balance.

09

OR

Classify Liver Function Tests (LFT). Describe any two tests in detail.

5. Attempt: (any 2) :

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- a) Elcosanoids.
- b) Chromatography.
- c) Mechanism of hormonal action for any two hormones.