

Sr.No.6711

Exam Code:107402

Subject Code: 7041

B.Sc. (Bio Technology) - 2nd Semester (old sylb 2019-20)

(2721)

Paper: BT-9 Biochemistry-B

Time Allowed: 2 hrs.

Max. Marks: 40

Note: There are EIGHT questions of equal marks. Candidates are required to attempt any FOUR questions.

Section -A

1. Write brief notes on following:
 - (a) Glycolipids
 - (b) Sphingolipids
 - (c) Terpenes
 - (d) Steroids
2. Describe the structure and importance of various types of fatty acids. Why are true fats called triglycerides?

Section -B

3. What are proteins? Describe their structure and organization with the help of suitable examples.
4. Write a detailed account of amino acids, their types and functions.

Section -C

5. What are fat soluble vitamins? Describe their sources, functions and deficiency symptoms.
6. With the help of suitable examples elaborate about various vitamins acting as cofactors.

Section -D

7. Discuss in detail about biomedical importance and disorders related with steroidal hormones.
8. (a) Differentiate between peptide hormones and steroidal hormones.
(b) Write a brief note on secretory glands.

.....
6711(2721)100