

[LL 1017]

OCTOBER 2017

Sub. Code: 1261

**M.Sc. MEDICAL LABORATORY TECHNOLOGY EXAMS  
SECOND YEAR  
PAPER I – CLINICAL BIOCHEMISTRY, ENDOCRINOLOGY AND  
NUTRITIONAL BIOCHEMISTRY**

*Q.P. Code: 281261*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Give a detailed account on various Liver Function Tests.
2. Explain different types of nutrients with its importance and add a note on nutritional disorders.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Role of hormones in the diagnosis of diseases.
2. Types of lipoproteins.
3. Protein energy malnutrition.
4. Second messengers.
5. Gonadal hormones.
6. Cardiac enzymes.
7. Renal diseases.
8. Qualitative tests for individual sugars in urine.
9. Lipid storage diseases.
10. Tumor markers.

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