



[LR 504]

**AUGUST 2020**

Sub.Code :5055

**M.B.B.S. DEGREE EXAMINATION  
FIRST YEAR  
PAPER V – BIOCHEMISTRY - I**

*Q.P. Code: 525055*

**Time: Three hours**

**Maximum : 50 Marks**

**Answer All Questions**

**I. Essay:**

**(1 x 10 = 10)**

1. Write in detail about the Galactose Metabolism and its Applied aspects.

**II. Write notes on:**

**(5 x 4 = 20)**

1. Fatty Liver-Causes including role of Lipotropic Factors
2. Vitamin C-Sources, RDA, Functions and Deficiency Manifestations
3. PDH
4. Dyslipidemias
5. Passive Transport Mechanisms

**III. Short answers on:**

**(10 x 2 = 20)**

1. Define active site of enzymes
2. Glycosidic Bond and Clinically important Glycosides
3. Name two Functions of endo plasmic reticulum
4. Name three essential fatty acids
5. Name the enzyme require for Glucuronidation of bilirubin
6. Daily requirement of Vitamin A for an adult
7. Name the defect in Menke's disease
8. Name the enzyme defect in Von-gierke's disease
9. Name one Role of Phospholipase A
10. Name three vitamins involved in PDH complex

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