



Time: 3 Hrs.

[Max. Marks : 40]

BIOCHEMISTRY

QP Code: 1153

(Note : Both QP Codes 1152 and 1153 are to be answered within total duration of 3 hours)

LONG ESSAY

1 X 10 = 10 Marks

1. Describe the process of glycolysis along with its regulation. Explain how many molecules of ATP are formed in aerobic and anaerobic conditions

SHORT ESSAY

3 X 5 = 15 Marks

2. Describe the role of kidney in acid base regulation
3. Mention different types of lipoproteins and their functions
4. Describe urea formation in liver

SHORT ANSWERS

5 X 3 = 15 Marks

5. Scurvy
6. Creatinine clearance test
7. What are the causes and features of pellagra?
8. Give the normal values of the following
a) Fasting blood glucose (b) Serum creatinine (C) Serum urea
9. Essential fatty acids

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