

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. What is Glycolysis? Describe the steps of glycolysis. Add a note on its energetics

SHORT ESSAY**3 X 5 = 15 Marks**

2. BMR
3. Competitive enzyme inhibition
4. Wald's visual cycle

SHORT ANSWERS**5 X 3 = 15 Marks**

5. Essential aminoacids
6. Denaturation
7. Name two phospholipids and their functions
8. Distinguish between DNA and RNA
9. Function of fluoride in dental health

* * * * *