

Q.P. Code: 221013

Reg. No.:.....

**Second Year B.Sc Optometry Degree Regular/Supplementary
Examinations February 2021**

Nutrition, Biochemistry & Pharmacology

(2016 scheme)

Time: 2 hrs

Max marks: 40

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (10)

1. Discuss the source, daily requirement, biological role, and deficiency manifestations of vitamin A.

Short Notes: (3x5=15)

2. Oral glucose tolerance test.
3. Important compounds formed from tyrosine.
4. Enzymes elevated in liver disease and mention their normal levels.

Answer Briefly: (5x2=10)

5. Nitrogen balance.
6. Chronic complications of diabetes.
7. Absorption of iron.
8. Composition of tear.
9. Structure of immunoglobulin.

Fill in the blanks: (5x1=5)

10. hormone inhibit gluconeogenesis.
11. Sulphur containing amino acids are and
12. is the vitamin produced from cholesterol.
13. Normal serum bilirubin level is
14. Most important plasma buffer is
