

Q.P. Code: 221013

Reg. No.:.....

**Second Year B.Sc Optometry Degree Regular/Supplementary
Examinations February 2022**

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. Explain the normal blood urea level. Discuss the steps in urea cycle.

Short Notes: (3x5=15)

2. Protein energy malnutrition.
3. IUBMB classification of enzymes.
4. Hormones regulating blood sugar level.

Answer Briefly: (5x2=10)

5. Dietary fibers.
6. Galactosemia.
7. Cataract.
8. Corneal transparency.
9. Green leafy vegetables.

Fill in the blanks: (5x1=5)

- 10..... Ion inhibit enolase enzyme.
- 11.HDL, cholesterol is referred as cholesterol.
- 12..... is the simplest amino acid.
- 13.Limiting amino acid in pulses is
- 14.Primary deficit in bicarbonate is referred as
