

Q.P. Code: 221013

Reg. No.:.....

Second Year B.Sc Optometry Degree Supplementary Examinations

May 2024

Nutrition, Biochemistry & Pharmacology

Section A : Nutrition, Biochemistry

(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 steps involved in detoxification of Ammonia. Add a note on its energetics. **(8+2)**
(3x5=15)

Short Notes:

2. TCA cycle
3. Galactose metabolism and its disorder
4. Classification of lipids

Answer Briefly:

(5x2=10)

5. Von Gierkes disease
6. Give any FOUR functions of Prostaglandins
7. Diabetic cataract
8. Antioxidant role of Vitamin E
9. Complete protein with examples

Fill in the blanks:

(5x1=5)

10. The main hypoglycaemic hormone
11. Beriberi is due to the deficiency of vitamin
12. The normal serum level of calcium is.....
13. The amino acid deficient in pulses.....
- 14.....is known as bad cholesterol.
