

Q.P. Code: 221013

Reg. No.:.....

Second Year B.Sc Optometry Degree Examinations October 2018

Nutrition, Biochemistry & Pharmacology

(2016 scheme)

Time: 2 hrs

Max marks: 40

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essay: (10)

1. Describe in detail on chemistry, biochemical functions, RDA, sources and deficiency manifestations of vitamin A

Short Notes: (3x5=15)

2. Lipoproteins
3. Prostaglandins
4. Enzyme inhibition

Answer Briefly: (5x2=10)

5. Phenylketonuria
6. Rickets
7. Retinal neuro chemistry
8. Green leafy vegetables
9. Essential fatty acids

Fill in the blanks: (5x1=5)

10. Bad cholesterol is _____
11. Beri beri is due to deficiency of _____
12. Normal blood urea level is _____
13. _____ is the first enzyme elevated in myocardial infarction
14. Primary deficit in bicarbonate causes _____
