

Reg. No.:.....

**Second Year B.Sc Optometry Degree Supplementary Examinations
April 2018**

Pathology and Microbiology

(2014 scheme)

Time: 3 hrs

Max marks: 80

- Answer all questions
- Draw diagrams wherever necessary
- Write Section A and Section B in separate answer books (32 pages). Do not mix up questions from Section A and Section B

Q.P. Code: 213013 (new scheme)

Marks: 40

Section A: Pathology

Essay (10)

1. Define leukemia. Describe the classification of leukaemias. Name the important investigations for diagnosis.

Short notes (3x5=15)

2. Septic shock
3. Spread of malignant tumors
4. Iron deficiency anemia.

Answer briefly (5x2=10)

5. Oncogene
6. Chemical examination of urine
7. "Chalazion
8. Tuberculoid leprosy
9. PCV

Fill in the blanks (5x1=5)

10. Name any two types of embolism,
11. Define inflammation
12. What is Bence Jones protein
13. Name any two types of necrosis,
14. Any two conditions causing lymphocytosis,

(P.T.O)

Q.P. Code: 214013 (new scheme)

Marks: 40

Section B: Microbiology

Essay (10)

1. Define Disinfection .classify disinfectants.Describe briefly about each of them and write examples

Short notes (3x5=15)

2. Autoimmunity
3. Viral keratitis.
4. Staphylococci

Answer briefly (5x2=10)

5. Nutrient agar
6. Candidiasis.
7. Nocardia
8. Acanthamoeba
9. Acid fast staining

Fill in the blanks (5x1=5)

10. Two sporicidal disinfectants,
11. Two gram positive bacilli,
12. Two opportunistic parasitic infections,
13. Biological control for autoclave
14. Name two viruses transmitted by the bite of mosquitoes,
