

Reg. No.:.....

**Second Year B.Sc Optometry Degree Supplementary Examinations
May 2024**

Pathology and Microbiology

(2014 scheme)

Time: 3 hrs

Max marks: 80

- **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**
- **Write Section A and Section B in separate answer books. Do not mix up questions from Section A and Section B**

Q.P. Code: 213013

Section A: Pathology

Marks: 40

Essay

(10)

1. Define inflammation. Describe the cellular and vascular events in inflammation. Briefly describe the chemical mediators of inflammation.

Short notes

(3x5=15)

2. Stages of shock
3. Leprosy
4. Tumors of the eye

Answer briefly

(5x2=10)

5. Plasma cell myeloma
6. Tests for ketonuria
7. Panophthalmitis
8. Atrophy
9. Vacutainers

Fill in the blanks

(5x1=5)

10. Caseous necrosis is seen in -----
11. Routine stain used for staining blood smear -----
12. Parasite causing conjunctivitis -----
13. Deficiency of vitamin B₁₂ causes ----- anemia.
14. Two chemical carcinogens -----

(P.T.O)

Essay (10)

1. Enumerate staphylococcal infections, and its lab diagnosis. Add a note on MRSA (5+5)

Short notes (3x5=15)

2. Chemical disinfectants

3. Tric agent

4. IgM antibody

Answer briefly (5x2=10)

5. Universal precautions

6. Ocular tuberculosis

7. Chronic amoebic keratitis

8. Anaerobic culture media

9. Window period.

One word answer (5x1=5)

10. Name two blood borne viruses

11. Name two diseases transmitted by mosquitoes

12. Name two RNA viruses

13. Name two opportunistic fungus

14. Name two anti fungals used in eye
