

**KERALA UNIVERSITY OF HEALTH SCIENCES
MODEL QUESTION PAPER**

**SECOND YEAR
BACHELOR OF OCCUPATIONAL THERAPY (BOT) DEGREE EXAMINATIONS
201: INTRODUCTION TO PATHOLOGY AND MICROBIOLOGY**

Time: 3.00 Hours

Maximum Marks: 100

Instructions: 1. Answer All Questions

2. Write Section A and Section B in Separate Answer Books

3. Do Not Mix Up Questions from Section A and Section B

QP Code:

SECTION A: PATHOLOGY

Maximum Marks: 50

I. Elaborate On

(1 x 20 = 20)

1. Define acute inflammation. Enlist the causes. Describe the cellular and vascular events in acute inflammation. Explain morphological types of acute inflammation.

II. Write Notes On

(4 x 5 = 20)

1. Volkmann's ischemia
2. Pathogenesis of tuberculosis
3. Classification of anaemia
4. Carcinogenesis

III. Short Answers On

(5 x 2 = 10)

1. Routes at metastasis of malignant tumours
2. Microscopic changes in lepromatous leprosy
3. Virchow's triad
4. Four causes of hypovolemic shock
5. Four differences between necrosis and apoptosis

QP Code:

SECTION A: MICROBIOLOGY

Maximum Marks: 50

I. Elaborate On

(1 x 20 = 20)

1. Write an essay on hospital acquired infections

II. Write Notes On

(4 x 5 = 20)

1. Pathophysiology of poliomyelitis
2. Formation of endospore
3. Comparison of hepatitis A, B, C, D & E
4. Ultra structure of flagella

III. Short Answers On**(5 x 2 = 10)**

1. Asexual reproduction methods in bacteria
2. Laboratory diagnosis of tuberculosis
3. Natural and acquired immunity
4. Prophylaxis/prevention of rabies
5. Contributions of Louis Pasteur in microbiology

Remarks and Please Note

1. Section A: Pathology (50 Marks)
2. Section B: Microbiology (50 Marks)