

Sl.No: M22072

Course Code: 2110202

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION
February 2020
Second Year**

MICROBIOLOGY AND PATHOLOGY

Time: Three hours

Maximum: 100 Marks

**Answer Section A and Section B in SEPARATE Answer Book
Answer ALL questions
Draw suitable diagrams wherever necessary**

MICROBIOLOGY

(50 Marks)

I. ESSAY: (1 x 20 = 20)

1. Describe in detail the pathogenesis and lab diagnosis of candidacies.

II. SHORT NOTES: (4 x 5 = 20)

2. Widal test.
3. BCG vaccine.
4. Pasteurization.
5. Antiseptics.

III. SHORT ANSWERS: (5 x 2 = 10)

6. Mention four live attenuate vaccines.
7. Types of infectious diseases.
8. Sabin vaccine.
9. Name two contributions of Joseph Lister.
10. Mantoux test.

(p.t.o)

PATHOLOGY

(50 Marks)

I. ESSAY:

(1 x 20 = 20)

1. Define thrombosis? Review the Virchow's trial of thrombus formation? Give example.

II. SHORT NOTES:

(4 x 5 = 20)

2. Write differences between regeneration and repair.
3. Polymyositis.
4. Lab diagnosis of tuberculosis.
5. Define embolism, classify and write a note on air embolism.

III. SHORT ANSWERS :

(5 x 2 = 10)

6. Name the various types of COPD.
7. Define atelectasis.
8. Types of calcification.
9. Lepra cells.
10. Granulation tissue.

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