

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

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION
August 2018
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. Define infection and classify them. Write in detail about the source and the method of transmission of infection.

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

2. Bacterial vaccines.
3. Enterotoxigenic E.coli.
4. Sensitivity testing for Mycobacterium tuberculosis.
5. Non specific immunity.

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

6. Name two contributions of Anton von Leeuwenhoek.
7. Name two contributions of Metchnikoff.
8. What is an immune complex disease? Give two examples.
9. What is pseudo membrane in which disease it is seen?
10. Sabin vaccine.

(p.t.o)

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PATHOLOGY

(50 Marks)

I. ESSAY:

(1 x 20 = 20)

1. Describe etiology pathogenesis classification and clinical features of leprosy?

II. SHORT NOTES:

(4 x 5 = 20)

2. Write differences between lepromatous and tuberculoid leprosy.
3. Classify osteoarthritis and write n details about rheumatoid arthritis.
4. Lab diagnosis of tuberculosis.
5. Polymyositis.

III. SHORT ANSWERS :

(5 x 2 = 10)

6. Classify ischemic heart disease.
7. Sequestrum.
8. Give two examples for benign and malignant tumors.
9. Define neoplasia.
10. Define atelectasis.

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