

Question Paper

Exam Date & Time: 26-Feb-2019 (02:00 PM - 04:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER B.O.T./ B.Sc. P.F.T./ BPT/ B.Sc. C.V.T./B.Sc. R.T./ B.Sc. M.I.T./B.Sc. RRT&DT DEGREE

EXAMINATION - FEB/MAR 2019

SUBJECT : MICR 201 - MICROBIOLOGY
(2016 SCHEME)

Tuesday, February 26, 2019 (14.00 - 16.00)

Answer ALL questions:

Marks: 50

Duration: 120 mins.

- 1) Explain the etio-pathogenesis and laboratory diagnosis of pulmonary tuberculosis. (10)
(1+4+5 = 10 marks)
- 2) Explain any THREE mechanisms of autoimmunity. Name TWO autoimmune diseases each involving single and multiple organ or system. (10)
(6+4 = 10 marks)

3. Write short notes on:

- 3A) Laboratory diagnosis of pneumococcal meningitis. (5)
- 3B) Investigation of hospital acquired infections. (5)
- 3C) Etio-pathogenesis of streptococcal skin infections. (5)
- 3D) Laboratory diagnosis of hepatitis B virus infection. (5)

4. Answer the following questions:

- 4A) Name FOUR predisposing factors for urinary tract infections. (2)
- 4B) Name TWO vaccines used for the prevention of poliomyelitis. (2)
- 4C) Write TWO functions of cell mediated immunity. (2)
- 4D) Name TWO disinfectants with their mode of action. (2)
- 4E) List any FOUR organisms causing sexually transmitted diseases. (2)

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