

RAN-1224

Third Year B. Sc. (Semester-VI) Medical Technology Examination March / April - 2019

MT 17: Medical Microbiology-2

Time: 2 Hours]	[Total Marks: 50
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સૂચના : / Instructions

નીચે દર્શાવેલ ☞ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fill up strictly the details of ☞ signs on your answer book	Seat No.:
Name of the Examination:	
★ Third Year B. Sc. (Semester-VI) Medical Technology	
Name of the Subject :	
Subject Code No.: 1 2 2 4	Student's Signature

- 1. Answer **all** the questions.
- 2. Draw neat and labeled diagrams wherever necessary.
- 3. Figures to the **right** indicate full marks of the question.

Q.1 Answer the following briefly:

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- 1 Write causative agent of 'Gas gangrene' and name instrument used for its anaerobic growth.
- 2 State the symptoms and prevention of measles.
- 3 Differentiate impetigo from erysipelas
- 4 Give the causative agent, sign and symptoms of Leptospirosis

Q.2 Answer any two the following:

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- Name the sub-cutaneous fungal infections along with their etiological agent. Describe the pathogenesis and laboratory diagnosis of eumycotic mycetoma.
- 2 Compare and contrast the manifestations of gonorrhea in men and women.
- 3 Explain Staphylococcal scalded skin syndrome presents as a macular erythema followed by diffuse epidermal exfoliation.

RAN-1224] [1] [P.T.O.]

Q.3 Attempt any one of the following:

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- Name the bacterial STDs. Describe the pathogenesis, laboratory diagnosis, and treatment of syphilis.
- 2 Enumerate the opportunistic fungal infections along with their etiological agent. Describe the pathogenesis and laboratory diagnosis of candidiasis.

Q.4 Write short notes on any two of the following

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- 1 RMSF
- 2 Pathogenesis and treatment of Tetanus
- 3 AIDS: Explain morphology of its causative agent and its laboratory diagnosis.

[2] [160]