



**DRR-3288**  
**Third Year B. Sc. (Medical Technology)**  
**(Sem. VI) Examination**  
**March / April - 2016**  
**MT-17 : Medical Microbiology - 2**

Time : 2 Hours]

[Total Marks : 50

**Instructions :**

(1)

<p>नीचे दशांशिक निशानीवाणी विगतो उत्तरवही पर अवश्य लिखनी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : THIRD YEAR B. Sc. (MEDICAL TECHNOLOGY) (SEM. 6)</p> <p>Name of the Subject : MT-17 : MEDICAL MICROBIOLOGY - 2</p> <p>Subject Code No. : 3 2 8 8 Section No. (1, 2,.....) : NIL</p>	<p>Seat No. : □ □ □ □ □ □</p> <p>Student's Signature</p>
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- (2) Draw labelled diagram where needed.  
(3) Figures to the right indicate full marks of the question.

- 1 Give answer in brief : 10
- (a) Give the causative agent causing TSS.
  - (b) Describe in brief scarlet fever.
  - (c) What is pulse polio programme ?
  - (d) Differentiate bacteremia and septicemia.
  - (e) How does syphilis differ from gonorrhoea ?
- 2 Comment any two of the following : 12
- (a) Herpes simplex virus can be distinguished into two distinct categories.
  - (b) P.aeruginosa is a major threat for surgical and wound burn infections.
  - (c) Females are more prone to urinary tract infections.

- 3** What are the common routes and types of fungal infections in human ? Describe in detail the major types of subcutaneous mycoses affecting human. **14**

**OR**

- 3** Enlist the common arthropod borne diseases in human. Describe in detail the typical signs and symptoms, pathogenicity and the virulence factors associated with RMSF. **14**
- 4** Write short notes on any two of the following : **14**
- (a) Clinical diagnosis of *M. leprae*.
  - (b) Gas gangrene
  - (c) Pathogenicity of *B. anthracis*.

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