



**MBJ-9062**

Seat No. \_\_\_\_\_

**M. D. (Branch - IX) Examination**

**April / May - 2018**

**Microbiology : Paper - II**

**(Systemic Bacteriology)**

Time : **3** Hours]

[Total Marks : **100**

**Instructions :** (1) Figures on right side indicate full marks.  
(2) Draw neat and clean diagram wherever necessary.

- 1** Enumerate organisms causing Pyrexia of unknown origin (PUO). Write in detail pathogenesis and laboratory diagnosis. **33**
- 2** Classify Salmonella. Write in detail pathogenesis, laboratory diagnosis and prophylaxis of Salmonella typhi. **33**
- 3** Write short notes : **34**
  - (1) Classification of Spirochetes. Describe the pathogenesis and laboratory diagnosis of Leptospirosis.
  - (2) Pathogenicity and labo diagnosis of Clostridium perfringens.

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