

**D. M. L. T. : WINTER - 2018**  
**SUBJECT: MICROBIOLOGY**

Day: Monday  
Date: 03/12/2018

**W-2018-3636**

Time: 2.00 P.M. TO 5.00 P.M.  
Max. Marks: 100

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labelled diagram **WHEREVER** necessary.
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- Q.1** Define sterilisation. Enumerate different methods of sterilisation. Describe in detail sterilisation by moist heat. (15)
- Q.2** Describe laboratory diagnosis of pulmonary tuberculosis. (15)
- Q.3** Describe the serological diagnosis of syphilis. (15)
- Q.4** Name important fungi. Describe in brief about Candidiasis. (15)
- Q.5** Write short notes on any **FOUR** of the following: (20)
- a) Anaerobic culture methods
  - b) Bacterial spores
  - c) L.J Media
  - d) Laboratory diagnosis of malaria
  - e) Polio vaccine
- Q.6** Write short notes on any **FOUR** of the following: (20)
- a) Tissue culture
  - b) Laboratory diagnosis of meningococcal meningitis
  - c) Widal test
  - d) Coagulase test
  - e) ELISA test

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