

D. M. L. T. : WINTER - 2017

SUBJECT: MICROBIOLOGY

Day: **Monday**
Date: **04/12/2017**

W-2017-3406

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

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw diagrams **WHEREVER** necessary.
-

- Q.1** Define sterilization. Enumerate methods of sterilization. Describe autoclave. (15)
- Q.2** Describe laboratory diagnosis of enteric fever. (15)
- Q.3** Describe laboratory diagnosis of amoebic dysentery. (15)
- Q.4** Enumerate antigen antibody reactions. Write about precipitation reaction in detail. (15)
- Q.5** Write short notes on any **FOUR** of the following: (20)
- a) Significant bacteriuria
 - b) Processing of CSF sample for culture
 - c) Preservation of stalk cultures
 - d) Antibiotic susceptibility testing
 - e) Coagulase test
- Q.6** Write short notes on any **FOUR** of the following: (20)
- a) Thick and thin film for the diagnosis of Malaria
 - b) Cultivation of viruses
 - c) Universal safety precaution in the laboratory
 - d) Stool concentration methods
 - e) Laboratory diagnosis of fungal infections

* * * *