

QP Code:102109

Reg.No.:.....

**PG Degree Supplementary Examinations in Microbiology (MD) -
November 2014**

Paper II - Bacteriology and Mycology

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays: (20)

1. Describe the current trends in the laboratory diagnosis of tuberculosis. Add a note on multi drug resistant tuberculosis.

Short essays: (8x10=80)

2. Discuss in detail new variants of Eltor vibrios.
3. Discuss the cultivation of helicobacter pylori.
4. Discuss animal models used in cultivation of mycobacterium leprae.
5. Discuss the etiology, pathogenesis and laboratory diagnosis of human ehrlichiosis.
6. Enumerate various dimorphic fungi. Add a note on histoplasmosis.
7. Enumerate various yeasts causing human infection. Add a note on predisposing factors and laboratory diagnosis.
8. Discuss non-cultivable fungi.
9. Beta-D glucan assay.
