

[LI 808]

APRIL 2016

Sub. Code: 3808

**PHARM. D DEGREE EXAMINATION**  
**(2009-2010 Regulation)**  
**SECOND YEAR**  
**PAPER II – PHARMACEUTICAL MICROBIOLOGY**

*Q.P. Code: 383808*

**Time : Three hours****Maximum : 70 Marks****I. Elaborate on :****(4 x 10 = 40)**

1. Explain in detail about the Bacterial Cell Morphology with neat diagram.
2. Define and classify the different methods of Sterilization. Discuss in detail about Sterilization by Radiation method.
3. Define and classify Immunity. Discuss the general principles and cells involved in Innate Immunity.
4. Elaborate on:    a) HIV        b) Tuberculosis.

**II. Write notes on:****(6 x 5 = 30)**

1. Blotting technique.
2. Explain selective and differential medium for bacteria.
3. Different methods of bacterial counting.
4. Microbiological assay of Penicillin.
5. Reproduction methods of Yeast.
6. Evaluation of Bactericidal activity of disinfectants.

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