

[LK 808]

MAY 2017

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. Discuss in detail isolation methods and identification test for Bacteria.
2. Write in detail on the principle, instrumentation, procedure, merits and demerits of moist heat and Dry Heat Sterilisation.
3. Explain elaborately on antigen-antibody reactions.
4. Discuss in detail on:  
a) Typhoid    b) Malarial infection.

**II. Write notes on:**

**(6 x 5 = 30)**

1. Schick's test.
2. Discuss morphological features of mold.
3. Give the notes on standardization of vaccine.
4. Discuss the various methods for evaluation of disinfectants.
5. Acid - Fast staining technique.
6. Microbiological assay of Vitamin by Turbidometric method.

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