

[KX 808]

SEPTEMBER 2010

Sub. Code: 3808

**DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION****(Regulations 2008-2009 )****(Candidates admitted from 2008-2009 onwards)****SECOND YEAR****PAPER II – PHARMACEUTICAL MICROBIOLOGY*****Q.P. Code: 383808*****Time: Three Hours****Maximum: 70 marks****Answer ALL questions****I. Elaborate on:****(2 x 20 = 40)**

1. Define Disinfection. Classify Disinfectants.  
Write in detail about evaluation of disinfectants.
2. Write the different types of Media. Differentiate bacteria and fungi.  
Write the different methods of identification of bacteria.

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

1. Sterility Testing.
2. Types of Immunity.
3. Dry Heat Sterilization.
4. Antigen – Antibody Reaction.
5. Nutritional Requirement of Bacteria.
6. Name different Blot techniques and explain Western Blot.

\*\*\*\*\*