

[KY 808]

MAY 2011

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. Discuss the factors affecting bacterial growth.

What are the various types of nutrient media?

2. Define immunity and elaborate on different types of immunity.

What are antigen antibody interactions and its importance?

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

1. Modes of transmission, diagnosis and treatment of any two viral diseases.

2. Classify different categories of disinfectants with examples and their uses.

3. Microbiological assays.

4. Principle involved in sterility testing.

5. Morphology and identification of fungi.

6. Differential staining.
