

[KZ 808]

OCTOBER 2011

Sub. Code: 3808

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION**SECOND YEAR****PAPER II – PHARMACEUTICAL MICROBIOLOGY****Q.P. Code: 383808****Time: Three Hours****Maximum: 100 marks****Answer ALL questions in the same order.****I. Elaborate on :****Pages Time Marks
(Max.) (Max.) (Max.)**

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|--|----|---------|----|
| 1. Explain the structure, nutritional requirements and reproduction of Bacteria. | 17 | 40 min. | 20 |
| 2. Define Sterilization.
Discuss the different methods of sterilization with examples.
Add a note on validation. | 17 | 40 min. | 20 |

II. Write notes on :

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|---------------------------------------|---|---------|---|
| 1. Acquired Immunity. | 4 | 10 min. | 6 |
| 2. Cultivation of virus. | 4 | 10 min. | 6 |
| 3. Evaluation of Disinfectants. | 4 | 10 min. | 6 |
| 4. Antigen-Antibody reactions. | 4 | 10 min. | 6 |
| 5. ELISA test. | 4 | 10 min. | 6 |
| 6. Microbiological assay of Vitamins. | 4 | 10 min. | 6 |
| 7. Tuberculosis. | 4 | 10 min. | 6 |
| 8. Hepatitis. | 4 | 10 min. | 6 |
| 9. Standardization of vaccines. | 4 | 10 min. | 6 |
| 10. Immunization programme. | 4 | 10 min. | 6 |
