

[LB 1014]

AUGUST 2012

Sub. Code: 4705

**FIRST YEAR B.Sc – NURSING EXAM****Paper V – MICROBIOLOGY***Q.P. Code : 664705***Time : Three hours****Maximum : 100 marks****(180 Min)****Answer ALL questions in the same order.****I. Elaborate on:****Pages Time Marks  
(Max.) (Max.) (Max.)**

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|--|----|----|----|
| 1. Define Sterilisation. List the methods of Sterilisation.<br>Write in detail about moist heat sterilization. | 19 | 33 | 20 |
| 2. Define and classify Hypersensitivity. Write about<br>anaphylaxis in detail.                                 | 19 | 33 | 20 |

**II. Write Notes on:**

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|---|---|---|---|
| 1. VDRL test.                             | 3 | 8 | 5 |
| 2. Universal precautions.                 | 3 | 8 | 5 |
| 3. BCG Vaccine.                           | 3 | 8 | 5 |
| 4. Hospital waste Treatment and disposal. | 3 | 8 | 5 |
| 5. Black water fever.                     | 3 | 8 | 5 |
| 6. Flagella.                              | 3 | 8 | 5 |
| 7. Coagulase.                             | 3 | 8 | 5 |
| 8. Dermatophytes.                         | 3 | 8 | 5 |

**III. Short Answers on:**

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|---|---|---|---|
| 1. Pasteurisation.  | 1 | 5 | 2 |
| 2. Koch postulates.                                       | 1 | 5 | 2 |
| 3. Nosocomial infections.                                 | 1 | 5 | 2 |
| 4. Name the various classes of Immunoglobulins.           | 1 | 5 | 2 |
| 5. Name four general properties of viruses.               | 1 | 5 | 2 |
| 6. Name four organisms causing pyogenic meningitis.       | 1 | 5 | 2 |
| 7. Name two opportunistic fungi.                          | 1 | 5 | 2 |
| 8. Enumerate four intestinal nematodes.                   | 1 | 5 | 2 |
| 9. Candida albicans.                                      | 1 | 5 | 2 |
| 10. List four organisms causing Urinary tract infections. | 1 | 5 | 2 |

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