

[LB 828]

AUGUST 2012

Sub. Code: 4888

FIRST YEAR P.B.B.Sc (NURSING) EXAM

Paper VII – MICROBIOLOGY

Q.P. Code : 684888

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 Infection. Add a note on its classification, sources and mode of transmission. | 19 | 33 | 20 |
| 2. Give the morphology, cultural characters, pathogenicity and lab diagnosis of Candidiasis. | 19 | 33 | 20 |

II. Write notes on:

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|-----------------------------------|---|---|---|
| 1. Gram staining. | 3 | 8 | 5 |
| 2. Widal test. | 3 | 8 | 5 |
| 3. Contribution of Louis Pasteur. | 3 | 8 | 5 |
| 4. Koch's Postulates. | 3 | 8 | 5 |
| 5. Active Immunity | 3 | 8 | 5 |
| 6. Hot Air Oven | 3 | 8 | 5 |
| 7. Dermatophytes | 3 | 8 | 5 |
| 8. Bacterial Flagella | 3 | 8 | 5 |

III. Short Answers on:

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|---|---|---|---|
| 1. Define Immunity. | 1 | 5 | 2 |
| 2. Hanging drop preparation. | 1 | 5 | 2 |
| 3. Mantoux test. | 1 | 5 | 2 |
| 4. List out the four species of parasite that causes Malaria. | 1 | 5 | 2 |
| 5. Give four properties of a Chemical disinfectant. | 1 | 5 | 2 |
| 6. Bio-medical waste management. | 1 | 5 | 2 |
| 7. Pathogenicity of Staphylococcus pyogenes. | 1 | 5 | 2 |
| 8. Draw a neat diagram of a typical bacterial cell. | 1 | 5 | 2 |
| 9. Classify bacteria based on Temperature. | 1 | 5 | 2 |
| 10. List out the general properties of virus. | 1 | 5 | 2 |
