

[LB 0212]

AUGUST 2012

Sub. Code: 1903

**DIPLOMA IN DENTAL ASSISTANCE**

**FIRST YEAR**

**PAPER III – INFECTION CONTROL IN DENTISTRY**

*Q.P. Code : 841903*

**Time : Three hours**

**Maximum : 100 marks**

**(180 Mins) Answer ALL questions in the same order.**

**I. Elaborate on:**

**Pages Time Marks  
(Max.)(Max.)(Max.)**

- |   |   |    |    |
|---|---|----|----|
| 1. Classify streptococci. Write in detail about the genus causing dental caries and the laboratory diagnosis. | 7 | 20 | 10 |
| 2. Name the organism causing Gas gangrene. Describe the morphology, lab diagnosis and prevention.             | 7 | 20 | 10 |
| 3. Classify bacteria depending on their shape. Describe the cell wall of bacteria.                            | 7 | 20 | 10 |

**II. Write notes on:**

- |   |   |   |   |
|---|---|---|---|
| 1. Widal test.                          | 4 | 9 | 5 |
| 2. Antibiotic sensitivity tests.        | 4 | 9 | 5 |
| 3. Hot air oven.                        | 4 | 9 | 5 |
| 4. Candida.                             | 4 | 9 | 5 |
| 5. Dry heat sterilisation.              | 4 | 9 | 5 |
| 6. Coombs test.                         | 4 | 9 | 5 |
| 7. Type III hypersensitivity reactions. | 4 | 9 | 5 |
| 8. Standard test for syphilis.          | 4 | 9 | 5 |
| 9. Autoclave                            | 4 | 9 | 5 |
| 10. Bacterial toxins                    | 4 | 9 | 5 |

**III: Short answers on:**

- |                                    |   |   |   |
|------------------------------------|---|---|---|
| 1. Endotoxins.                     | 1 | 3 | 2 |
| 2. Enriched media.                 | 1 | 3 | 2 |
| 3. Coagulase test.                 | 1 | 3 | 2 |
| 4. Anaerobic culture methods.      | 1 | 3 | 2 |
| 5. Passive immunity.               | 1 | 3 | 2 |
| 6. Rabies vaccine.                 | 1 | 3 | 2 |
| 7. Bacterial antigens.             | 1 | 3 | 2 |
| 8. BCG vaccine.                    | 1 | 3 | 2 |
| 9. Bacteria causing dental caries. | 1 | 3 | 2 |
| 10. Cold sterilization.            | 1 | 3 | 2 |

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