

[LB 656]

AUGUST 2012

Sub. Code: 4171

**SECOND YEAR B.D.S. DEGREE EXAM  
PAPER I – GENERAL PATHOLOGY  
AND MICROBIOLOGY**

*Q.P.Code: 544171*

**Time: 180 Minutes**

**Maximum: 100 Marks**

**Answer ALL questions in the same order**

**Draw Suitable diagrams wherever necessary**

**Answer Section A and B in Separate Answer Books**

**SECTION –A**

**(GENERAL PATHOLOGY)**

**I. Elaborate on:**

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

- |   |    |    |    |
|---|----|----|----|
| 1. Define Amyloidosis. Describe the pathological changes in the organs. Add a note on the special stains for Amyloid. | 19 | 30 | 20 |
|---|----|----|----|

**II. Write Notes on:**

- |  |   |    |   |
|--|---|----|---|
| 1. Define Necrosis. Classify with examples.        | 3 | 10 | 5 |
| 2. Summary of chemical mediators in inflammation.  | 3 | 10 | 5 |
| 3. Congenital Syphilis.                            | 3 | 10 | 5 |
| 4. Caisson's Disease.                              | 3 | 10 | 5 |
| 5. Pre-Neoplastic conditions.                      | 3 | 10 | 5 |
| 6. Laboratory findings in Iron Deficiency Anaemia. | 3 | 10 | 5 |

**SECTION –B**

**(MICROBIOLOGY)**

**I. Elaborate on:**

- |   |    |    |    |
|---|----|----|----|
| 1. Explain the morphology, pathogenesis, symptoms and laboratory diagnosis of Hepatitis B Virus. Add a note on prophylactic measures. | 19 | 30 | 20 |
|---|----|----|----|

**II. Write Notes on:**

- |                              |   |    |   |
|------------------------------|---|----|---|
| 1. Hot air oven.             | 3 | 10 | 5 |
| 2. Oral thrush.              | 3 | 10 | 5 |
| 3. Hydatid cyst.             | 3 | 10 | 5 |
| 4. Gamma globulin.           | 3 | 10 | 5 |
| 5. Toxins of Staphylococcus. | 3 | 10 | 5 |
| 6. Plasmodium falciparum.    | 3 | 10 | 5 |

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