

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

*Q.P Code: 544171*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**Draw Suitable diagrams wherever necessary  
Answer section A and B in Separate Answer Books**

**SECTION – A  
(GENERAL PATHOLOGY)**

**I. Elaborate on:** **(1 x 10 = 10)**

1. Define repair. Describe Healing by first intention. (Primary union)  
Discuss the factors influencing wound healing.

**II. Write Notes on:** **(5 x 5 = 25)**

1. Radiation injury.
2. Organization of Thrombus.
3. Microcytic hypochromic anemia.
4. Chemotaxis.
5. Pathological calcification.

**SECTION – B  
(MICROBIOLOGY)**

**I. Elaborate on:** **(1 x 10 = 10)**

1. Define Hypersensitivity. Describe type 1 hypersensitivity in detail.

**II. Write Notes on:** **(5 x 5 = 25)**

1. Anaerobic culture methods.
2. Oral Microbial Flora.
3. Laboratory diagnosis of HIV infection.
4. Dimorphic Fungi.
5. Life cycle of *Ascaris Lumbricoides*.

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