

**SECOND YEAR B.D.S. DEGREE EXAM**  
(Common to Second Year Paper II - Modified Regulation III Candidates)

**PAPER I – GENERAL PATHOLOGY AND MICROBIOLOGY**

*Q.P Code: 544206*

**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 Inflammation. Discuss the chemical mediators of Inflammation.

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

1. Systemic and oral manifestations of AIDS.
2. Apoptosis.
3. Caisson's Disease.
4. Grading and staging of tumour.
5. Idiopathic Thrombocytopenic Purpura (ITP).

**SECTION – B**  
**(MICROBIOLOGY)**

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

1. Define sterilisation. Write in detail about the physical methods of sterilisation.

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

1. Taeniasis.
2. Gene transfer methods.
3. Laboratory diagnosis of Treponema pallidum.
4. Prophylaxis of Rabies.
5. Dimorphic fungi.

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