

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 Shock. Write the classification of shock. Discuss the etiopathogenesis and complication of septic shock.

II. Write Notes on: **(3 x 5 = 15)**

1. Differences between Benign and Malignant tumor.
2. Role of complements in Inflammation.
3. Types and etiological aspects of Gangrene.

III. Short answers: **(5 x 2 = 10)**

1. Give two examples for Physiological and Pathological giant cells.
2. Scurvy.
3. Barr body.
4. Virchows Triad.
5. Pernicious Anemia.

SECTION – B
(MICROBIOLOGY)

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

1. Describe the bacterial cell in brief with neat diagram.

II. Write Notes on: **(3 x 5 = 15)**

1. Bio medical waste management guidelines.
2. Opportunistic fungal infections.
3. Prophylaxis of Clostridium Tetani.

III. Short answers: **(5 x 2 = 10)**

1. Immunoglobulins.
2. What is a Dane particle and who are Hepatitis B Carriers?
3. What is excystation and encystation in life cycle of Entamoeba histolytica?
4. Write uses of Dark field and phase contrast microscopes.
5. Enriched Media.
