

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. Describe the types and mechanisms of wound healing. What are the factors which affect wound healing? What are the complications of wound healing?

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

1. Peripheral blood picture and Clinical manifestations of Iron deficiency anaemia.
2. Types of Necrosis with examples.
3. Arachidonic acid metabolites in inflammation.

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

1. Albinism.
2. Name 4 pre-malignant conditions of oral cavity cancer.
3. Fate of thrombus.
4. Types of metastatic spread and one example of each.
5. Rickets.

SECTION – B
(MICROBIOLOGY)

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

1. Describe the pathogenicity and lab diagnosis of Hepatitis B virus.

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

1. Autoclave.
2. Candidiasis.
3. Hydatid cyst.

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

1. Transduction.
2. Dental plaque.
3. Morphology of Clostridium tetani.
4. Define Hypersensitivity.
5. Nosocomial infection.