

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[BDS 0522]

**MAY 2022
(FEBRUARY 2022 SESSION)**

Sub. Code: 4206

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

SECOND YEAR

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. What are the types of Amyloid? What is the Pathogenesis of Amyloidosis? Write briefly about Morphological changes in various Organs in Amyloidosis. How do you Identify Amyloid in Tissues?

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

1. Coagulation Cascade.
2. Vascular events in acute Inflammation.
3. Sickle Cell Anemia.

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

1. Fatty Liver.
2. Define Thrombocytopenia. Give 2 causes of Thrombocytopenia.
3. Define Hyperplasia. Give 2 examples of Physiologic Hyperplasia.
4. Oral Candidiasis.
5. Enumerate 4 Tumors and Tumor like conditions of Jaw.

**SECTION – B
(MICROBIOLOGY)**

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

1. Enumerate the Viruses causing Blood Borne Viral Infections. Write in detail on the modes of Transmission, Pathogenesis and Lab Diagnosis of Human Immunodeficiency Virus (HIV). Add a note on preventive measures against Acquiring the Disease.

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

1. Operating Theatre Sterilization.
2. Faucial Diphtheria.
3. Opportunistic Fungal Infections.

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

1. Anaphylaxis.
2. Vincent's Angina.
3. Antibiotic Stewardship in Dental Practice.
4. VDRL Test.
5. Personal Protective Equipments in Infection Control.
