

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

[BHMS 0222]

**FEBRUARY 2022
(MAY 2021 EXAM SESSION)**

Sub. Code: 1506

**B.H.M.S. DEGREE EXAMINATION
SECOND YEAR (New Regulations – From 2015-2016 batch onwards)
PAPER I – PATHOLOGY - I
Q.P. Code : 581506**

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

SECTION – A

1. Define Cellular adaptation. Discuss briefly the types of Cellular adaptations.

SECTION – B

2. Classify Ischemic heart Diseases. Describe the aetiopathogenesis, morphological changes, investigations of Myocardial Infarction.

II. Write Notes on:

(10 x 5 = 50)

SECTION – A

1. Cellular changes of acute inflammation.
2. Calcification and its types.
3. Pathology of Apoptosis.
4. Difference between Benign and Malignant Tumor.
5. Define Immunity and explain the Cells of Immune system.

SECTION – B

6. Discuss briefly Emphysema and its types.
7. Pathology of CorBovinum.
8. Liver function test and its Indications to do it.
9. Pathology of Rodent Ulcer.
10. Explain the pathology of Nodular Goitre.

III. Short Answers on:

(10 x 2 = 20)

SECTION – A

1. Contributions of Rudolf Virchow.
2. Difference between Thrombosis and Postmortum Clot.
3. What is Hydropic degeneration?
4. What is Mutation?
5. Mention 4 Tumor Markers and corresponding Tumour.

SECTION – B

6. What is Ludwig's Angina?
7. Differentiate Leukocytosis and Leukemia.
8. Difference between Gastric and Duodenal Ulcer.
9. Fine needle aspiration cytology-Describe.
10. Define Hydrocephalus.
