

SECOND B.H.M.S. DEGREE EXAMINATION
(New Regulation – From 2015-2016 Batch onwards)

PAPER I – PATHOLOGY - I

Q.P. Code : 581506

Time: Three Hours

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

SECTION – A

1. Define Inflammation. Explain in detail about the Vascular and Cellular changes of Acute Inflammation.

SECTION – B

2. Define Rheumatic Fever. Explain the Pathogenesis, Morphological features, Diagnostic criteria of Rheumatic Heart Disease.

II. Write Notes on:

(10 x 5 = 50)

SECTION – A

1. Explain aetiology and Pathology of Fatty Change.
2. Describe the Pathological features of Reversible Cell Injury.
3. Explain the features of different types of Atrophy.
4. Define Oedema. Describe Cardiac Oedema.
5. Define Metastasis. Explain its types.

SECTION – B

6. Pathology of Madura foot.
7. Pathology of Gout.
8. Features of Wilm's Tumour.
9. Pathology of Emphysema.
10. Arteriosclerosis and its types-briefly.

III. Short Answers on:

(10 x 2 = 20)

SECTION – A

1. Define Necrosis and mention its types.
2. Define Anaplasia and its criteria.
3. Explain Mutation.
4. Mention the Postmortum findings of Amniotic fluid Embolism.
5. Differentiate Transudate and Exudate.

SECTION – B

6. Define Choristoma and give one Example.
7. What is Oral Thrush?
8. Explain Pulseless Disease.
9. What is Charcot-Leyden Crystals?
10. Name the serum Cardiac Markers.

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I. Essay Questions:

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SECTION – A

1. Define Neoplasia. Explain in detail about the Characteristics and Pathogenesis of Neoplasm.

SECTION – B

2. Describe types of Cirrhosis of Liver. Explain the pathogenesis, Morphological features, diagnostic criteria of Alcoholic Cirrhosis.

II. Write Notes on:

(10 x 5 = 50)

SECTION – A

1. Define and classify oedema.
2. Describe the pathology of the Primary Union of healing.
3. Define and classify shock.
4. Difference between Dry and Wet Gangrene.
5. Describe the features of Down Syndrome.

SECTION – B

6. Pathological features of Lepromatous Leprosy.
7. Pathology of Crohn's Disease.
8. Features of Rodent Ulcer.
9. Pathology of Toxic Goitre.
10. Explain the formation of Gallstone.

III. Short Answers on:

(10 x 2 = 20)

SECTION – A

1. Mention the nuclear changes in Cell Injury.
2. Pyrexia.
3. Explain Infarction.
4. Mention the Sequale of Inflammation.
5. What is Heart failure Cell?

SECTION – B

6. Mention the deformities of Rheumatoid Arthritis.
7. What is Osler's node?
8. Explain Heinz Bodies.
9. What is Hydrocephalus?
10. Name the Giant Cell Types.

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I. Essay Questions:

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SECTION – A

1. Define Neoplasm, classify carcinogens and describe in detail about chemical carcinogenesis.

SECTION – B

2. Define Infarction. Explain the etiology, pathogenesis, investigation, complications of Myocardial Infarction.

II. Write Notes on:

(10 x 5 = 50)

SECTION – A

1. Describe the mechanism of wound healing by first intention.
2. Chronic Venous Congestion of Liver.
3. Discuss the morphological features of necrosis and apoptosis.
4. Discuss about the grading and staging of tumours.
5. Definition, types and mechanism of hypertrophy.

SECTION – B

6. Explain the clinical features and lab diagnosis of Iron deficiency anaemia.
7. Inflammatory bowel diseases-types and pathology.
8. Pathogenesis of type 1 diabetes mellitus.
9. Nephritic syndrome.
10. Types and pathogenesis of Chronic Bronchitis.

III. Short Answers on:

(10 x 2 = 20)

SECTION – A

1. Virchows triad.
2. Sago spleen.
3. Haemosiderosis-describe.
4. Define anaplasia.
5. Factors affecting wound healing.

SECTION – B

6. Rodent ulcer.
7. Hydatidiform mole.
8. Lypoma.
9. Hashimoto's thyroiditis.
10. Rickets-describe.
