

June - 2020,

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time : 3 Hours]

[Max.Marks : 100]

**MD PATHOLOGY – PAPER – I
QP CODE: 5013**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Classify chemical mediators of inflammation and describe their role in the various processes of inflammation.
(10+10)
2. Classify hypersensitivity reactions with appropriate examples. Discuss pathogenesis of type I Hyper sensitivity reaction.

Short Essay

(6x10=60 Marks)

3. Discuss applications of Proteomics in today's clinical practice
4. Discuss types of collagen in human body.
5. Discuss Mendelian modes of disease inheritance.
6. List and elaborate intracellular accumulations
7. Discuss Role of micronutrients in health and disease
8. Write a short note on Caisson disease

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MD PATHOLOGY – PAPER – II

QP CODE: 5014

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Draw neat labeled diagrams wherever necessary.

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Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Discuss utility of Bethesda system in diagnosing Thyroid lesions
2. Classify plasma cell dyscrasias and discuss their laboratory diagnosis.

Short Essay

(6x10=60 Marks)

3. Write current concepts in pathophysiology of bleeding in Dengue virus infection
4. Discuss role of cytology in diagnosis of bone lesions.
5. Discuss laboratory diagnosis of Thalassemia minor.
6. Enlist causes of hypersplenism and its effects. (5+5)
7. Discuss laboratory diagnosis of Hodgkin lymphoma
8. Classify blood products. Discuss their uses and shelf life. (6+4)

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MD PATHOLOGY – PAPER - III

QP CODE : 5015

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Draw neat labeled diagrams wherever necessary.

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Write Question No. in left side of margin.

Long essay

(2x20=40 marks)

1. Classify non infectious vasculitis. Describe morphology of renal lesions in SLE.
2. Describe etiopathogenesis and pathology of ischemic heart disease. Add a note on various diagnostic tests used.

Short essay

(6x10=60 marks)

3. Classify salivary gland tumours. Add a note on myoepithelial malignancies of the salivary glands.
4. Describe etiopathogenesis and pathology of idiopathic inflammatory bowel disease with morphological features.
5. Discuss chronic hepatitis with emphasis on its laboratory diagnosis.
6. List the various pancreatic tumours with emphasis on prognostic factors.
7. Classify testicular tumours and list the various histological types of seminoma.
8. Discuss and describe the morphology of lung in coal worker's pneumoconiosis

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MD PATHOLOGY – PAPER – IV

QP CODE: 5016

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

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Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Elaborate on the molecular profiling of breast cancer (20)
2. Enlist classification and describe the morphology and diagnostic tests for non small cell lung carcinomas (7 +5+8)

Short Essay

(6x10=60 Marks)

3. Discuss logistics of establishing a modern organ transplantation lab
4. Describe B19 Parvo virus with pertinent diagnostic tests
5. Discuss turnaround time in surgical biopsy diagnosis
6. Discuss non rheumatic disorders of heart valve
7. Discuss revised WHO classification of salivary gland tumors
8. Enlist Tumor markers used in preoperative diagnosis of ovarian Cysts