

June-2017

**BLDE 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. Discuss granuloma formation in detail. Enlist the various granulomatous diseases.  
Describe laboratory diagnosis of chronic granulomatous diseases.
2. List and discuss glycogen storage disorders with morphology of various organs involved.

**Short essay**

**(6x10=60 marks)**

3. Discuss chemotaxis in detail with a note on tissue responses.
4. Discuss pathogenesis and pathology of fat necrosis.
5. Discuss pathogenesis and systemic effects of acute inflammation.
6. Discuss the role of kidney in maintaining the fluid balance of the body. Describe body fluid disturbances in renal disease.
7. Discuss hemochromatosis with morphology of affected organs.
8. Describe newer methods used for laboratory diagnosis of malignancy.

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**MD PATHOLOGY – PAPER - II**

**QP CODE : 5014**

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. Define and classify leukemias. Discuss various diagnostic tests used for their diagnosis.
2. Describe various methods of body fluid examination with lab interpretation

**Short essay**

**(6x10=60 marks)**

3. Describe the technique, advantage and recent advances of liquid based cytology.
4. Describe pathogenesis and lab diagnosis of idiopathic thrombocytopenic purpura.
5. Classify polycythemia. Add a note on Polycythemia Vera
6. List and discuss the laboratory tests in a case of acute pancreatitis
7. Discuss hemolytic uremic syndrome with emphasis on its etiopathogenesis.
8. Describe preparation and uses of various blood components

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**MD PATHOLOGY – PAPER - III**

**QP CODE : 5015**

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 the tumors of salivary gland, Discuss in detail malignant epithelial tumors of salivary gland. (3+17)
2. Classify glomerular nephritis. Discuss the role of electron microscopy and Immuno fluorescence and histopathology in diagnosis of glomerular lesions (3+5+12)

**Short essay**

**(6x10=60 marks)**

3. Discuss changing concept of infective endocarditis
4. Classify and discuss pathology of small intestinal tumors
5. Describe histological spectrum of hepatocellular carcinoma
6. Discuss gestational trophoblastic diseases
7. List and describe non seminomatous germ cell tumors of testis
8. Discuss recent advances in pulmonary lymphoproliferative diseases

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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.  
Each answer should be written on new page only.  
Write Question No. in left side of margin.

**Long essay**

**(2x20=40 marks)**

1. Discuss importance of immunohistochemistry and other markers in soft tissue sarcomas.
2. Discuss recent advances in diagnosis and classification of thymic epithelial tumors

(14+6)

**Short essay**

**(6x10=60 marks)**

3. Describe pathogenesis and pathology of Lichen Planus.
4. Discuss immunopathogenesis of Rheumatoid Arthritis.
5. Discuss Primary hyperparathyroidism
6. Discuss assessment of prognosis in melanoma
7. Discuss Lymphomas of unusual site and unusual type
8. Describe Central neurocytoma