

May 2018

**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. List and elaborate differences between regeneration and repair. Discuss the role of extracellular matrix in healing. (10+10)
2. Discuss etiology, pathogenesis and morphology of Systemic lupus erythematosus. (5+6+9)

Short Essay

(6x10=60 Marks)

3. Discuss Leucocyte adhesion molecule and its significance (10)
4. Discuss various modes of Molecular diagnosis of tumors (10)
5. Describe Graft versus host disease and its significance (7+3)
6. Discuss role of Vitamin D in calcium metabolism (10)
7. Describe Pathogenesis of renal edema (10)
8. Discuss significance of Microsatellite instability (10)

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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.

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Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Describe role of flow cytometry in diagnosis and management of hematologic malignancy. (14+6)
2. Discuss role of cytology in diagnosis of thyroid lesions (20)

Short Essay

(6x10=60 Marks)

3. Discuss cytodagnosis of mycobacterial diseases. (10)
4. Describe pathogenesis and laboratory diagnosis of G6PD deficiency. (5+5)
5. Write pathogenesis, clinical picture and laboratory diagnosis of disseminated intravascular coagulopathy. (4+2+4)
6. Enlist causes of metabolic acidosis and discuss its pathophysiology. (4+6)
7. Describe laboratory diagnosis of acute lymphoblastic leukemia and of its complications. (6+4)
8. Discuss role and significance of HLA antigen in blood banking. (5+5)

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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. Discuss placental changes in high risk pregnancies (20)
2. Classify and discuss papillary lesions of the breast. (20)

Short Essay

(6x10=60 Marks)

3. Discuss the interpretation of small intestinal biopsies in Malabsorption syndromes (10)
4. Discuss recent concepts in pathogenesis of Pancreatitis (10)
5. Describe the histopathology of chronic hepatitis (10)
6. Describe the etiopathogenesis and morphology of the precancerous lesions of the male genital tract (5+5)
7. Discuss the role of immunofluorescence in glomerular diseases (10)
8. Describe the pathology of neuroendocrine lesions of lung (10)

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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. Classify tumors of skin adenexa. Discuss the most common adenexal malignancy in detail. (6+14)
2. Enumerate various agencies for regulation and accreditation of pathology laboratories? Discuss pre-analytical, analytical and post-analytical risk management principles in a histopathology laboratory.

(5+15)

Short Essay

(6x10=60 Marks)

3. Describe pathology of vesico-bullous lesions of skin. (10)
4. Discuss role of HLA –B27 in disease. (10)
5. Discuss clinical features and laboratory diagnosis of adrenal cortex hyper function. (5+5)
6. Describe principles of gross examination of enucleated eye. (10)
7. Discuss lymphomas associated with HIV infection. (10)
8. Describe pathology of schwannoma and its differential diagnosis on histology. (5+5)