

November 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. Discuss viral carcinogenesis, list the common viral carcinogens (15+5)
2. Enlist autosomal chromosomal disorders. Describe autopsy finding in a 22 week fetus having Down syndrome. (4+16)

Short Essay

(6x10=60 Marks)

3. Discuss role of macrophages in inflammation. (10)
4. Discuss etiopathogenesis and pathology of hemosiderosis. (5+5)
5. Discuss pathogenesis of transplant rejection in kidney (10)
6. Discuss major Histocompatibility Complex and its association with disease. (5+5)
7. Describe causative agent and pathology of cysticercosis. (3+7)
8. Define and classify shock and discuss causative agents and pathogenesis of septic shock. (2+3+5)

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MD PATHOLOGY – PAPER - II

QP CODE: 5014

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Long Essay

(2x20=40 Marks)

1. Discuss role of cytology in respiratory disorders and utility of immunocytochemistry. (15+5)
2. Discuss approach to coagulation disorders related to abnormalities in clotting factors and disseminated intravascular coagulation. (10+10)

Short Essay

(6x10=60 Marks)

3. Describe Milan system of reporting salivary gland cytology (10)
4. Discuss Flow cytometry in diagnosis of leukemias (10)
5. Enumerate various laboratory tests for diagnosis of diabetes mellitus (10)
6. Discuss Aplastic anemia and its diagnostic profile (5+5)
7. Discuss indications for blood component therapy (10)
8. Enlist updated diagnostic criteria for plasma cell dyscrasias (10)

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MD PATHOLOGY – PAPER - III

QP CODE: 5015

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Long Essay

(2x20=40 Marks)

1. Discuss classification, laboratory diagnosis and prognosis of bronchogenic carcinoma. (5+10+5)
2. Classify causes of nephritic syndrome. Describe pathology of one common cause for it (5+15)

Short Essay

(6x10=60 Marks)

3. Describe cystic lesions of pancreas with morphology (10)
4. Discuss pathology and prognosis of prostatic carcinoma. (10)
5. Describe pathology Wilson disease with morphology (10)
6. Discuss sites and pathology tumor of Mullerian origin. (10)
7. Compare and contrast Crohn's disease and Ulcerative colitis (UC). Enlist the points which help monitoring ulcerative colitis (7+3)
8. Discuss polyarteritis nodosa with morphology (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. Discuss the pathogenesis and pathology of CNS infections. (10+10)
2. Classify bone tumors. Discuss the pathogenesis, morphology and diagnosis of osteosarcoma. (5+5+5+5)

Short Essay

(6x10=60 Marks)

3. Enumerate Anterior mediastinal tumors with morphology (7+3)
4. Describe new WHO 2017 classification of Diffuse large B cell lymphoma (10)
5. Describe solitary fibrous tumor with diagnostic criteria (7+3)
6. Classify adrenocortical tumors (10)
7. Describe prosthesis related changes in bone and joints (5+5)
8. Discuss role of immunofluorescence in vesiculobullous skin lesions (10)