

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.

LONG ESSAY

(2X20=40 Marks)

1. Discuss Carcinogenesis with a note on Occupational Cancers. (14 + 6)
2. Discuss the role of free radicals in health & disease. (10+10)

SHORT ESSAY

(6X10=60 Marks)

3. Describe Granulomatous inflammation.
4. Classify Calcifications with a note on pathological Calcification.
5. List the various opportunistic infections in HIV Positive Patients.
6. Describe efficacy of F I S H procedure.
7. Discuss Primary Amyloidosis.
8. Discuss etiopathology of pulmonary embolism.

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[Time : 3 Hours]

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MD PATHOLOGY – PAPER -II

QP CODE : 5014

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LONG ESSAY

(2X20=40 Marks)

1. Discuss etiopathogenesis of hyperbilirubinemia, list various diagnostic tests used for evaluation of hyperbilirubinemia. (10+10)
2. List the indications of trephine biopsy. Describe role of bone marrow trephine biopsy in hematological disorders. (8 +12)

SHORT ESSAY

(6X10=60 Marks)

3. Discuss utility of cytopsin in clinical pathology
4. List the various types of electrophoresis, discuss the utility of electrophoresis in disease conditions
5. Discuss congenital dyserythropoetic anemias
6. Discuss the utility of thyroid function tests in diseases of thyroid
7. List the blood components ,discuss the methods of their storage
8. Enumerate the advantages of thin prep cytology

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MD PATHOLOGY – PAPER -III

QP CODE : 5015

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LONG ESSAY

(2X20=40 Marks)

1. Discuss role of endoscopic biopsies in neoplastic and non neoplastic lesions of the stomach. (10+10)

2. Classify Breast Carcinoma. Discuss pathology of various specific subtypes of Carcinoma of Breast. Add a note on Grading and staging of Breast Carcinoma. (5+7+4+4)

SHORT ESSAY

(6X10=60 Marks)

3. Discuss interstitial pneumonitis.

4. List Cardiomyopathies and describe morphology of heart in each.

5. Grade and stage of Primary Biliary Cirrhosis (PBC).

6. List Non Neoplastic cystic diseases of the Kidney.

7. Describe pathology and criteria for diagnosis of Prostatic Adenocarcinoma.

8. Discuss endometrial Intraepithelial Neoplasia (EIN).

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MD PATHOLOGY – PAPER -IV

QP CODE : 5016

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LONG ESSAY

(2X20=40 Marks)

1. Discuss advantages, disadvantages and clinical applications of various types of PCR Methodology (Polymerase chain reaction). (6+6+8)
2. Discuss the classification, morphology and molecular pathology of Non-Hodgkin's lymphoma. (6+6+8)

SHORT ESSAY

(6X10=60 Marks)

3. Discuss differential diagnosis of Spindle cell tumors of soft tissue.
4. Discuss the role of muscle biopsy in the diagnosis of Myopathies.
5. Discuss role of Immunofluorescence in the differential diagnosis of bullous lesions of Skin.
6. List bone tumors arising from metaphysis.
7. Describe MEN Syndromes.
8. Discuss staging of Melanoma.