

Oct-15

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 pathogenesis of secondary amyloidosis. What is the basis and importance of using special stains for demonstration of amyloid ?
2. Discuss phagocytosis in detail. Add a note on diseases occurring due to defective phagocytosis.

Short essay

(6x10=60 marks)

3. List and discuss physical carcinogens in detail.
4. Describe free radical injury. Add a note on its prevention
5. Classify leprosy with histologic appearance of different types. Describe Lepra reactions.
6. Enlist disorders of non-heme derived endogenous pigments. Add a note on albinism
7. Describe aetiology, clinical features and complications of Down syndrome.
8. Describe molecular 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. Discuss molecular genetics of thalasseмии with reference to phenotypic and genotypic correlation
2. Describe the etiology, pathogenesis, and laboratory diagnosis of bleeding disorders

Short essay

(6x10=60 marks)

3. Discuss diagnostic procedures and accuracy of biliary tract cytology
4. Discuss Limitations of FNAC in diagnosis of thyroid lesions
5. Discuss Automation in clinical pathology
6. Discuss Classification and different phases of myelofibrosis
7. Discuss the significance of blood indices in clinical hematology
8. Discuss investigations for mismatched blood transfusion

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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 non infectious vasculitis. Describe morphology of various organs in polyarteritis nodosa.
2. Define cor pulmonale. Enumerate the disorders causing cor pulmonale with emphasis on morphology of lung.

Short essay

(6x10=60 marks)

3. Describe aetiopathogenesis and morphology of chronic gastritis.
4. List the aetiopathological causes of cirrhosis in pediatric age group. Describe Indian childhood cirrhosis.
5. Discuss endometrial intraepithelial neoplasia with a note on its diagnosis.
6. List and discuss the sex cord stromal tumours of the ovary.
7. Discuss recent advances in carcinoma of prostate.
8. Discuss various prognostic markers of carcinoma of breast.

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[Max.Marks : 100]

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 Pathogenesis, Morphology and lab work up of Rheumatoid Arthritis
(6+8+6)
2. Discuss the morphology and prognostic factors in Malignant Melanoma
(10+10)

Short essay

(6x10=60 marks)

3. Enumerate the spindle cell lesions of soft tissues
4. Describe Prion diseases
5. Discuss tumors of Adrenal medulla
6. Enlist the variants of Reed Sternberg cells
7. Describe mitochondrial encephalomyopathies
8. Discuss Aneurysmal Bone cyst