YJ—7391

M.D. (PATHOLOGY) DEGREE EXAMINATION, 2004

Paper I—GENERAL PATHOLOGY

(Revised Scheme)

Time : Three Hours — Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer all *questions.*

I. Long Essays :

1 Discuss the role of angiogenesis in health and disease.

2 Discuss genes and neoplasia.

(2 × 20 = 40 marks)

II. Short Essays :

3 Concepts of hypersensitive reactions.

4 Amniotic fluid embolism.

5 Histopathological assessment of granulomas.

6 Detection of mucines in tissue sections.

7 Note on Fracture healing.

8 Defects in chemotaxis.

(6 × 10 = 60 marks)

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M.D. (PATHOLOGY) DEGREE EXAMINATION, 2004

Paper II—HAEMATOLOGY, CLINICAL PATHOLOGY, CYTOLOGY

(Revised Scheme)

me : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer all *questions.*

I. Long Essays :

1 Discuss the molecular genetics of thalassaemia with relevance to the genotypic and phenotypic correlation.

2 Classify leukaemias and discuss childhood leukaemias.

(2 × 20 = 40 marks)

II. Short Essays :

3 Concepts of bone marrow transplantation.

4 An account of laboratory diagnosis of malaria.

5 Role of FNAC in thyroid tumours.

6 Investigations of male infertility.

7 Role of cytochemistry in haematology.

8 Role of urine examination in a case of jaundice.

(6 × 10 = 60 marks)

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M.D. (PATHOLOGY) DEGREE EXAMINATION, 2004

Paper III—SYSTEMIC PATHOLOGY

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Discuss aetiopathogenesis and pathology of prostatic carcinoma. Write briefly on prostatic intraepithelial neoplasia.

2 Discuss pathology and recent advances in atherogenesis.

(2 × 20 = 40 marks)

II. Short Essays :

3 Xanthogranulomatous pyelonephritis.

4 Ulcerative colitis.

5 In-situ carcinoma—Testis.

6 Phylloides tumor—Breast.

7 Non-villous trophoblast in endometrial curettage.

8 Small cell carcinoma—lung.

(6 × 10 = 60 marks)

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M.D. (PATHOLOGY) DEGREE EXAMINATION, 2004

Paper IV—SYSTEMIC PATHOLOGY (Central and Peripheral Nervous, Musculo Skeletal, Reticulo-Endothelial Systems, Dermatolgoy, Bone, Joints and Soft Tissues)

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Discuss the classification and pathology of bone tumours.

2 Discuss demyelinating diseases of CNS.

(2 × 20 = 40 marks)

II. Short Essays :

3 Rosal–Dorfman disease.

4 Retino blastoma.

5 Utility of muscle biopsy.

6 Vesiculo bullous lesions of skin.

7 Primary lymphoma of spleen.

8 Pathology of rheumatoid arthritis.

(6 × 10 = 60 marks)

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