MD (PATHOLOGY) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER I: GENERAL PATHOLOGY INCLUDING IMMUNOPATHOLOGY

Monday, April 04, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- Answer ALL the questions.
- 1. Discuss the role of stem cells in tissue homeostasis.
- 2. Discuss the disorders of pigments.
- Discuss the role of immunological tolerance. List the autoimmune diseases. Write briefly on SLE.
- 4. Write short notes on:
- 4A. Adhesion molecules in acute inflammation
- 4B. Oncogenes
- 4C. Radiation injury
- 4D. Mucoviscidosis



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MD (PATHOLOGY) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER II: SYSTEMIC PATHOLOGY

Tuesday, April 05, 2011

Time: 14:00 - 17:00 Hrs.

Max. Marks: 100

- Answer ALL the questions.
- All questions carry equal marks.
- 1. Discuss the recent concepts in the pathology of non-alcoholic steatohepatitis.
- 2. Discuss the role of kidney biopsy in the diagnosis of glomerular diseases.
- 3. Discuss the etiopathogenesis and pathology of emphysema.
- 4. Write short notes on:
- 4A. Alzheimer disease
- 4B. Utility of muscle biopsy
- 4C. Morphology of ulcerative colitis
- 4D. Bullous lesions of the skin



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MD (PATHOLOGY) DEGREE EXAMINATION - APRIL 2011

SUBJECT: PAPER III: ONCOLOGY

Wednesday, April 06, 2011

Time: 14:00 - 17:00 Hrs.

Max. Marks: 100

- Answer ALL the questions.
- All questions carry equal marks.
- Discuss the pathology of cutaneous T cell lymphomas.
- 2. Classification and diagnostic approach to mediastinal tumors.
- 3. Discuss the pathology of childhood CNS tumours.
- 4. Write short notes on:
- 4A. Variants of lipoma
- 4B. Giant cell lesions of the jaw
- 4C. Gut endocrine tumors
- 4D. Tumors of paratesticular region

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MD (PATHOLOGY) DEGREE EXAMINATION - APRIL 2011

SUBJECT: PAPER IV: HAEMATOLOGY, CLINICAL PATHOLOGY AND CYTOLOGY

Thursday, April 07, 2011

Time: 14:00 – 17:00 Hrs. Max. Marks: 100

- & Answer ALL the questions.
- All questions carry equal marks.
- Classify monoclonal gammopathies. Discuss the pathogenesis and laboratory diagnosis of Waldenstrom macroglobulinemia.
- Classify and discuss the laboratory diagnosis of von Willebrand disease.
- Discuss the differential diagnosis in cytologic evaluation of thyroid lesions with oncocytic features.
- 4. Write short notes on:
- 4A. Role of HPLC in detection of hemoglobin variants
- 4B. Hematologic manifestations of HIV infection
- 4C. Mimics of carcinoma in respiratory cytology
- 4D. Discuss the role of artificial neural network in cytology

