13

7391_2012_2_S271

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – Nov 2012

[Time: 3 Hours] [Max. Marks: 100]

DR. MULLER M. CENTRAL LIBRARY

PATHOLOGY

GENERAL PATHOLOGY - PAPER – I

(Revised Scheme)

Q.P. CODE: 7391

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the role of endothelium in health and disease
2. Discuss the molecular basis of carcinogenesis

SHORT ESSAY **6 X 10 = 60 Marks**

3. Role of oxygen free radicals in disease
4. Etiopathogenesis of amyloidosis
5. Pathogenesis of pathological calcification
6. Mechanism of immunological tolerance
7. Pathogenesis of disorders caused by smoking
8. Role of FNAC in testicular tumours

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14

7392_2012_2_S271

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – Nov 2012

[Time: 3 Hours] [Max. Marks: 100]

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PATHOLOGY

HAEMATOLOGY, CLINICAL PATHOLOGY AND CYTOLOGY

PAPER – II (Revised Scheme)

Q.P. CODE: 7392

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the role of bone marrow biopsy in the diagnosis of haematological disorders
2. Discuss the role of FNAC in soft tissue tumours

SHORT ESSAY **6 X 10 = 60 Marks**

3. Diagnosis of primary & secondary lymphomatous effusions
4. Utility of cytospin in clinical laboratory
5. Molecular pathogenesis & morphology of myeloproliferative disorders
6. Investigation of albuminuria
7. Thin prep cytology
8. Role of urinary sediment examination

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15

Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Nov 2012

Time: Three Hours **Max. Marks: 100 Marks**

MD PATHOLOGY

Systemic pathology (Revised Scheme)

PAPER – III

Q.P. CODE: 7393

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss the pathogenesis and pathology of Crohn's disease.

2. Discuss the differential diagnosis of granulomatous lesions in the liver.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Nephroblastoma
4. Endometrial carcinoma
5. Bacillary angiomatosis
6. Inflammatory myofibroblastic tumor
7. Male infertility diagnosis
8. Primary pulmonary hypertension

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16

Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Nov 2012

Time: Three Hours **Max. Marks: 100 Marks**

MD PATHOLOGY

Systemic pathology (Revised Scheme)

PAPER – IV

Q.P. CODE: 7394

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss in detail Giant cell Lesions of Bone.

2. Discuss in detail the classification and diagnosis of cutaneous lymphoproliferative disorders.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Myotonic Dystrophy

4. Prognostic factors associated with malignant melanoma of the uvea.

5. Recent variants of papillary carcinoma thyroid

6. Vascular disorders of the Spleen

7. WHO criteria for Classification of Meningiomas

8. Effusion associated lymphomas

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17

7391

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2012

[Time: 3 Hours] [Max. Marks: 100]

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PATHOLOGY

GENERAL PATHOLOGY - PAPER – I

(Revised Scheme)

Q.P. CODE : 7391

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe in detail pathogenesis of ischemic and hypoxic cell injury and discuss about the role of growth factors and cytokines involved in regeneration and wound healing
2. Define thrombosis and discuss about the primary events predispose to thrombosis with reference to hypercoaglable states and its complications

SHORT ESSAY **6 X 10 = 60 Marks**

3. Lab diagnosis of amyloidosis
4. Anaphylaxis
5. Role of viruses in diseases
6. Down syndrome
7. Geographic and environmental factors in neoplasia
8. Disorders associated with defects in Receptor proteins

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18

7392

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2012

[Time: 3 Hours] [Max. Marks: 100]

PATHOLOGY

HAEMATOLOGY, CLINICAL PATHOLOGY AND CYTOLOGY

PAPER – II (Revised Scheme)

Q.P. CODE: 7392

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss various classification systems for acute myeloid leukemia & discuss the morphology, genetic aberrations & prognosis with relevance to WHO classification
2. Discuss the role of Cytopathology in metastatic neoplasia

SHORT ESSAY **6 X 10 = 60 Marks**

3. Clinical applications of flow cytometry
4. Artifical neural networks in diagnostic pathology
5. Porphyrias
6. Recent advances in endocervical pathology
7. Microwave tissue processing
8. Lab diagnosis of diabetes mellitus

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19

7393

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2012

[Time: 3 Hours] [Max. Marks: 100]

PATHOLOGY

SYSTEMIC PATHOLOGY

PAPER – III (Revised Scheme)

Q.P. CODE : 7393

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Role of immuniofluorescence and electron microscopy in glomerular diseases of kidney
2. Classify and discus about Neuroendocrinal tumors of gastrointestinal tract

SHORT ESSAY **6 X 10 = 60 Marks**

3. Granulosa cell tumor
4. Pathogenesis of ARDS
5. Testicular biopsy in male infertility
6. Pathogenesis of heart lesions in rheumatic fever
7. Renal cell carcinoma – histology and genetic alterations
8. Pathogrnesis of Atherosclerosis

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20

7394

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2012

[Time: 3 Hours] [Max. Marks: 100]

PATHOLOGY

SYSTEMIC PATHOLOGY

PAPER – IV (Revised Scheme)

Q.P. CODE: 7394

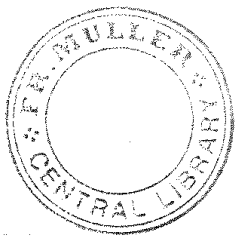
Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe the molecular genetics of colonic carcinoma
2. Discuss the pathogenesis, pathology and clinical features of Thymic hyperplasia and Thymoma

SHORT ESSAY **6 X 10 = 60 Marks**

3. Cardiac effects of Noncardiac neoplasms
4. Renal dysplasia
5. Placental pathology in Hypertensive disease of pregnancy
6. Neuroendocrine tumours
7. Endomyocardial fibrosis
8. Etiopathogenesis and pathology of pancreatic carcinoma



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