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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - OCTOBER 2015

[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. Classify bone tumours. Describe the etiopathogenesis, morphology and molecular genetics of osteosarcoma.
2. Describe the pathogenesis and pathology of auto-immune disorders of thyroid gland.

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

3. Myasthenia gravis
4. Myxoid tumours of soft tissue
5. The classification of Non hodgkins lymphoma & add a note on diagnostic algorithm for immunohistochemistry in Non Hodgkins lymphoma
6. Pathogenesis & pathology of muscular dystrophy
7. Viral meningoencephalitis
8. Progressive Transformation of Germinal Centre (PTGC) lymph node

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – OCTOBER 2015

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

MD PATHOLOGY
General pathology
(Revised Scheme)

PAPER – I

Q.P. CODE: 7391

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 generation and role of Arachidonic acid metabolites in inflammation.

2. Define proto-oncogenes and oncogenes. Discuss the mechanism of conversion of proto-oncogene to oncogene and functions of oncogene products.

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

3. Parathyroid hormone-related protein.

4. Mechanism of T-cell immunodeficiency in HIV infection

5. Quality assurance in Histopathology lab

6. Recent advances in pathogenesis of Amyloidosis.

7. Role of stem cells in metaplasia and fibrosis

8. Role of selectins in inflammation

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – OCTOBER 2015

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 in detail Endomyocardial biopsy and its role in cardiac transplant.

2. Discuss in detail the different types of Membranoproliferative glomerulonephritis

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

3. Mucinous lesions of the pancreas

4. Pleural mesothelioma

5. Prognostic factors associated with Colonic adenocarcinoma.

6. Recent concepts in the classification of epithelial ovarian tumours

7. Testicular biopsy interpretation in male infertility

8. Prognostic factors asscociated with Wilm's tumour

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7391_9999_9_S204

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – APRIL/MAY 2015

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

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 mechanism of metastasis and outline the role of extracellular matrix in tumor progression
2. Discuss about the pathogenesis and morphology of Leprosy

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

3. Pathophysiology of pulmonary edema
4. Acute radiation injury
5. Apoptosis in health and disease
6. Antineutrophil cytoplasmic antibodies
7. Prion diseases
8. Clinical utility and methodology of telepahology

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – MAY 2015

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

MD PATHOLOGY

HAEMATOLOGY, CLINICAL Pathology AND CYTOLOGY

(Revised Scheme)

PAPER – II

Q.P. CODE: 7392

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 classification and lab diagnosis of Myelodysplastic Syndromes.

2. Discuss squash technique and its application in brain lesions

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

3. Cytomorphologic features of HPV infection in cervicovaginal smears

4. Congenital dyserythropoietic anemia

5. Automation in blood banking

6. Primary myelofibrosis

7. Lab diagnosis of Hemophilia A

8. Hemosiderinuria

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – MAY 2015

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 ductal carcinoma in situ with a note on its progression

2. Discuss cystic lesions of the kidney

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

3. Kaposi Sarcoma

4. Laboratory evaluation of myocardial infarction

5. Pulmonary alveolar proteinosis

6. Solitary fibrous tumor

7. Barrett esophagus

8. Autoimmune hepatitis

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY 2015

[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 role of immunohistochemistry in the diagnosis of soft tissue sarcomas.
2. Etiopathogenesis, pathology and morphology of papillary carcinoma of thyroid

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

3. Darier's disease
4. Peripheral T cell lymphoma
5. Disembryoblastic Neuroepithelial tumor
6. Chondrosarcoma
7. Prognostic factors in Malignant Melanoma
8. Pathogenesis and pathology of Retinoblastoma

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