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# Rajiv Gandhi University of Health Sciences

**M.D. Degree Examination – APRIL/MAY 2015** 72

[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

71

**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

69

**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**

68

[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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