

# 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 telepathology

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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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