

**Rajiv Gandhi University of Health Sciences, Karnataka**  
Post Graduate Degree Examination – MAY 2017

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 role of electron microscopy in diagnostic surgical pathology
2. Discuss the important chemical carcinogens and the mechanism of chemical carcinogenesis.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Mechanism of apoptosis
4. Selectins and their role in inflammation
5. The pathogenesis of thrombus formation
6. Karyotyping and the different methods involved.
7. Vitamin D deficiency
8. Pathogenesis of central nervous system involvement in HIV infection

\*\*\*\*\*



**Rajiv Gandhi University of Health Sciences, Karnataka**  
Post Graduate Degree Examination – MAY 2017

**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. Answer all questions

**LONG ESSAYS**

**2 x 20 = 40 Marks**

1. Discuss the causes and laboratory diagnosis of hereditary thrombophilia.
2. Discuss the role of intraoperative cytology in the diagnosis of breast lesions.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Synovial fluid examination
4. Role of urine microscopy in diagnosis of diseases
5. Autologous transfusion
6. ABO discrepancy and its resolution
7. WHO classification of acute myeloid leukemia
8. Bone marrow biopsy

\*\*\*\*\*



**Rajiv Gandhi University of Health Sciences**

**M.D. Degree Examination – <<>>**

[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. Describe the mechanisms in progression of glomerular disease
2. Discuss the pathogenesis & pathology of Non cardiogenic pulmonary oedema

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Ductal Carcinoma In-Situ (DCIS)
4. Pathology & pathogenesis of lesions caused by H Pylori infection
5. Premalignant lesions of prostate
6. Solid-cystic tumour of pancreas
7. Metaplasias of female genital tract
8. Complications of heart transplantation

\* \* \* \* \*

**Rajiv Gandhi University of Health Sciences, Karnataka**  
Post Graduate Degree Examination – JUNE 2017

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. Answer all questions

**LONG ESSAYS**

**2 x 20 = 40 Marks**

1. Classify tumours of central nervous system. Discuss the pathology of posterior cranial fossa tumours.
2. Classify diabetes mellitus. Discuss pathogenesis and complications of type 2 diabetes mellitus.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Medullary carcinoma thyroid
4. Cystic lesions of bone
5. MALTOMA
6. Spitz nevus
7. Pathology of a solitary nodule of thyroid
8. Parosteal osteosarcoma

\*\*\*\*\*