Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – JUNE 2016

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. Answer all questions

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

1. Describe the mechanism of Viral carcinogenesis.
2. Describe molecular diagnosis of Genetic diseases.

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

3. Phagocytosis
4. Growth factors involved in tissue regeneration and repair
5. Type II hypersensitivity reaction
6. Pathogenesis of HIV infection
7. Pathogenesis of tuberculosis
8. FISH

*****

7392_2011_1_S206

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – JUNE 2016

[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. Describe the role of FNAC in salivary gland tumors and tumour like conditions
2. Describe the etiopathogenesis, pathology and lab diagnosis of acute myelobalstic Leukemia

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

3. Congenital dyserythropoietic anaemia
4. Processing of body fluids in cytology lab
5. Relevance of blood donor screening
6. Quality control in Haematology
7. Lab diagnosis of Multiple Myeloma
8. Bone marrow trephine biopsy as a diagnostic tool

* * * * *

Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – JULY 2016

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. Answer all questions

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

1. Discuss the utility of testicular biopsy in male infertility.
2. Give an account of recent classification and morphology of lung tumours with a note on staging.

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

3. Renal lesions in systemic lupus erythematosus
4. Cardiomyopathies
5. Etiology of Urothelial carcinoma
6. Pathogenesis of acute pancreatitis
7. Placental site trophoblastic tumour
8. Etiopathogenesis of primary carcinoma of liver

*****

Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – JULY 2016

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 the recent advances in pathogenesis and pathology of Diabetis Mellitus.

2. Discuss myofibroblastic proliferations mimicking soft tissue sarcoma

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

3. Solitary Fibrous Tumor
4. Dysembryoplastic Neuroepithelial tumor
5. NK cell Lymphoma
6. Spitz Nevus
7. Pigmented lesions of conjunctiva
8. Immunohistochemical & Cytogenetic features of Papillary Carcinoma Thyroid

*****

Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – NOV 2016

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. Answer all questions

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

1. Discuss the role of complement in health and disease.
2. Discuss amylodogenesis. Describe the pathology and laboratory diagnosis of amyloidosis.

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

3. Mechanism of cellular aging
4. Role of stem cells in tissue homeostasis
5. Pathogenesis of endotoxic shock
6. Familial hypercholesterolemia
7. Toll-like receptors
8. DNA repair defects and cancer

*****

Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – NOV 2016

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 role of flow cytometry in hematology.
2. Discuss the diagnostic methods for investigating iron metabolism

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

3. Bone marrow changes in HIV disease
4. FNAC of thyroid lesions
5. Preparation of platelet concentrate and indications for its transfusion
6. ELISA
7. ASCUS
8. Role of cytology in the diagnosis of renal tumours

*****

Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – NOV 2016

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. Answer all questions

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

1. Discuss the renal biopsy findings in nephritic syndrome. Add a note on role of immunofluorescence in such lesions.
2. Discuss the classification of ovarian tumors..

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

3. Etiology of Colorectal carcinoma
4. Prognostic indicators in Carcinoma of breast
5. Hereditary hyperbilirubinemia
6. Pathology of chronic hepatitis
7. Classification and pathogenesis of vasculitis
8. Pathogenesis of asthma

*****

Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – NOV 2016

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 cystic lesions of the bone

2. Discuss the role of electron microscopy in the diagnosis of tumors of the soft tissue

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

3. Postoperative spindle cell nodule

4. Anaplastic large cell lymphoma

5. Hashimoto's thyroiditis

6. Cystic lesions of the spleen

7. Diseases of the neuromuscular junction

8. Retinoblastoma

*****