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

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Rajiv Gandhi University of Health Sciences, Karnataka

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

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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

Rajiv Gandhi University of Health Sciences, Karnataka

MD Degree Examination – NOVEMBER 2017

Time: Three Hours | Max. Marks: 100 Marks

PATHOLOGY
General Pathology - PAPER – I
Q.P. CODE: 7391

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer All The Questions | 10 x 10 = 100 Marks

1. The role of Tumour suppresser genes in neoplasia.
2. Role of growth factors in inflammation and repair.
3. Polymerase chain reaction.
4. Oxygen derived free radicals and their effects in cell injury.
5. Endothelial properties responsible in maintenance of normal hemostasis.
6. Mary Lyon's hypothesis and detection of Barr bodies.
7. Gene therapy.
8. Morphology of delayed radiation injury.
9. Trace Elements.
10. Factors influencing transplant rejection.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – NOV 2017

Time: Three Hours | Max. Marks: 100 Marks

PATHOLOGY

Haematology, Clinical Pathology and Cytology

PAPER – II

Q.P. CODE: 7392

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

Answer All The Questions | 10 x 10 = 100 Marks

1. Discuss the cytologic differentials of paediatric Small round blue cell tumors.
2. Discuss the role of flow cytometry in chronic lymphoproliferative disorders.
3. Thrombotic thrombocytopenic Purpura.
4. Microalbuminuria.
5. Pathogenesis of anemia of chronic disease.
6. Hemophagocytic syndrome.
7. Apheresis.
8. Cervical cytology in invasive cancer.
9. Automation in clinical pathology.
10. Fibrin degradation products.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – NOV - 2017

Time: Three Hours | Max. Marks: 100 Marks

PATHOLOGY
Systemic Pathology - PAPER – III
Q.P. CODE: 7393

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer All The Questions | 10 x 10 = 100 Marks

1. Pathogenesis and pathology of chronic hepatitis.
2. Functional tumors of ovary.
3. Coeliac disease.
4. Biliary cirrhosis.
5. Grading of urothelial tumors of bladder.
6. Serrated adenoma of colon.
7. DCIS.
8. HIV associated lung lesions.
9. Recent trends in Pathogenesis of coronary heart disease.
10. Kaposi Sarcoma.

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Rajiv Gandhi University of Health Sciences, Karnataka

MD Degree Examination – NOV 2017

Time: Three Hours Max. Marks: 100 Marks

PATHOLOGY
Systemic Pathology - PAPER – IV
Q.P. CODE: 7394

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary.

Answer All The Questions 10 x 10 = 100 Marks

1. Lymphoma in unusual sites and types.
2. PRION disease.
3. Sclerosing epithelioid fibrosarcoma.
4. Pheochromocytoma.
5. Unusual melanomas.
6. Atypical teratoid /Rhabdoid tumor.
7. Recent concepts in degenerative joint disease.
8. Proliferation markers used in histopathology.
9. Retinoblastoma.
10. Giant cell lesions of Soft tissue.

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