Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY-2019

[Time: 3 Hours] [Max. Marks: 100]

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. Pathophysiology of thrombosis.
2. Tumor immunity.
3. Molecular and biochemical basis of Mendelian disorders.
4. Factors influencing transplant rejection.
5. Aetiopathogenesis of auto – immune disorders.
6. Role of extra – cellular matrix in cell growth and healing.
7. Pathology of heavy metal poisoning.
8. Zygomycosis.
9. Mechanism of cell death in Ionizing radiation.
10. Cellular Ageing.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY-2019

[Time: 3 Hours] **[Max. Marks: 100]**

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. Role of FNAC in thyroid lesions.
2. Classify the haemolytic anaemias. Discuss the laboratory tests in haemolytic anaemias.
3. Diseases transmitted by blood transfusion.
4. Interpretations of Pap smear.
5. Paraprotienemias.
6. Mylofibrosis.
7. Preleukemic conditions.
8. Vitamin B12 assay.
9. Microscopy of Urine.
10. Quality control in blood bank.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY-2019

[Time: 3 Hours] [Max. Marks: 100]

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. Molecular diagnosis of breast carcinoma.
2. MALT lymphoma of gastrointestinal tract.
3. Diagnostic role of Electron Microscopy in renal biopsy.
4. Inflammatory bowel disease.
5. Endomyocardial biopsy.
6. Neuroendocrine tumors of lung.
7. Quality control and quality assurance in surgical pathology.
8. Role of immunohistochemistry and electron microscopy in malignant mesothelioma.
9. Histological Spectrum of Hepatocellular carcinoma.
10. Surface epithelial tumours of Ovary.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - MAY-2019

[Time: 3 Hours] **[Max. Marks: 100]**

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. Role of IHC in small round cell tumour.
2. Cystic lesions of the bone.
3. Types of astrocytomas.
4. Chromophobe adenoma.
5. Di George syndrome.
6. Pathology of Lymphnode in HIV.
7. Rabdomyosarcomas.
8. Microscopic varients of Papillary carcinoma thyroid.
9. Neurofibromatosis.
10. Role of Immunofluorescence in diagnosis of skin lesion.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – 12-Nov-2019

[Time: 3 Hours] **[Max. Marks: 100]**

PATHOLOGY - PAPER – I
General Pathology
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. Mention the various paraneoplastic syndromes. Add a note on tumour markers.
2. Describe the chemical nature of amyloid. Add a note on Renal amyloidosis
3. Virchow's triad.
4. Mucovisidosis.
5. Occupational diseases.
6. Granulomatous inflammations.
7. Alcohol induced liver changes.
8. Beriberi.
9. Acute Phase Reactants
10. Reperfusion Injury.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – 14-Nov-2019

[Time: 3 Hours] **[Max. Marks: 100]**

PATHOLOGY - PAPER – II
Haematology, Clinical Pathology and Cytology
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. Immune Haemolytic Anaemia.
2. Interventional cytology.
3. Discuss the molecular basis and diagnosis of Thalassemia.
4. Role of coagulation factors in disease.
5. Congenital dyserythropoietic anemias.
6. Thrombocytopenias.
7. Cellular components in effusions.
8. Semen analysis.
9. Minor blood group system.
10. Biphenotypic leukemia.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – 16-Nov-2019

[Time: 3 Hours] **[Max. Marks: 100]**

PATHOLOGY - PAPER – III
Systemic Pathology
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. Exocrine tumours of pancreas.
2. H. Pylori associated Gastric lesions.
3. Importance of examination of left ventricle in pathology postmortems
4. Biliary cirrhosis
5. Cystosarcoma phylloides
6. Types of secondary tuberculosis
7. Types of colonic polyps
8. Grading of Urothelial carcinoma.
9. Ovarian teratoma.
10. Prognostic markers in carcinoma of breast.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - 18-Nov-2019

[Time: 3 Hours] **[Max. Marks: 100]**

PATHOLOGY - PAPER – IV
Systemic Pathology
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. Non- neoplastic lesions of lymphnode.
2. MEN Syndrome.
3. Laboratory approach to Splenomegaly.
4. Medulloblastoma.
5. Interpretation of muscle biopsies.
6. Cartilage forming tumours of bone.
7. Inflammatory Neuropathies.
8. Premalignant lesions of skin.
9. Chordoma.
10. Gout.

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