Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 14-Jul-2020

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

PATHOLOGY - PAPER – I (RS-2/RS-3)
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. Write about signal transduction protein, their mode of activation and associated cancer.
2. Define apoptosis. Describe different pathways and their role in health and diseases.
3. Role of matrix metalloproteinases (MMP) in diseases.
4. Describe pathology of multiple organ failure syndrome.
5. Genomic imprinting.
6. Etiopathogenesis of systemic sclerosis.
7. Write the role of WNT signalling pathway in carcinogenesis.
8. Classify Leprosy and discuss the Immunopathology of Leprosy.
9. Describe the acute radiation injury and delayed complications caused by ionizing radiation.
10. Write in detail about obesity, pathogenesis and consequences.

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 16-Jul-2020

Time: Three Hours | Max. Marks: 100 Marks

PATHOLOGY - PAPER – II (RS-2/RS-3)
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. Elevated APTT – Discuss the differential diagnosis.
2. Role of urine cytology in Urothelial neoplasm.
3. Cytologic differentials of mucinous lesions of breast.
4. Discuss the principles of automation in haematology.
5. Childhood leukemias.
6. Hematologic manifestations of SLE.
7. Minimal residual disease.
8. Inherited red cell membrane disorders.
9. Bombay blood group.
10. Role of FNAC in thyroid nodule

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 18-Jul-2020

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

PATHOLOGY - PAPER – III
(RS-2/RS-3)
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. Significance of circulating tumor cells in Breast carcinoma.
2. IgG4 related diseases.
3. FIGO staging of ovarian tumors.
4. Endomyocardial biopsy.
5. Role of IHC and molecular genetics in Lung Cancer.
6. Classify gastric epithelial dysplasia.
7. Bone metastasizing childhood renal neoplasm.
8. Gleasons grading.
9. Cystic neoplasm of pancreas.
10. Role of Biopsy in malabsorption syndrome.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 20-Jul-2020

Time: Three Hours | Max. Marks: 100 Marks

PATHOLOGY - PAPER – IV
(RS-2/RS-3)
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 synovial lesions.
2. Discuss the diagnosis of cutaneous blistering diseases by light microscopy.
3. Morphological changes in Alzheimer's disease.
4. Neuroblastoma.
5. Pathology of Hodgkin lymphoma.
6. Classification of thymic neoplasms.
7. Small round blue cell tumours.
8. Fibrous dysplasia of bone.
9. Pseudo tumour of the Orbit.
10. Giant cell lesions of bone.

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