Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 29-Jul-2021

[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. Differential diagnosis of granulomatous diseases.
2. Genomic imprinting in human diseases.
3. Describe the role of oncogenesis in cancer.
4. Etiopathogenesis of Congential Anomalies.
5. Importance of Mucin stains in Histopathology practice.
6. Applications of Computed Tomography in Autopsies.
7. Pathogenesis of Thrombosis.
8. Pathology of Systemic Inflammatory Response Syndrome.
9. Pathology of Occupational Lung Diseases.
10. Tissue processing for Electron Microscopy.

M.D. Degree Examination – 31-Jul-2021

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

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. Automation in hematology laboratory.
2. Discuss the role of FNA in diagnosis of non-neoplastic lesions of lymph node.
3. Minimal residual disease.
4. Chromosomal translocations in Acute myeloid leukemia.
5. Apheresis.
6. Quality assurance in blood banking.
7. Cytocentrifugation.
8. Haemoglobinopathies.
9. Stem Cell transplantation.
10. Platelet function tests.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 02-Aug-2021

[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. Investigation of sudden cardiac death.
2. Malignant epithelial tumors of salivary gland.
3. Inflammatory myofibroblastic Tumor of Female Genital Tract.
4. Pathogenesis and laboratory diagnosis of Hirschprung's disease.
5. Discuss the role of Immunohistochemistry in the Diagnosis of renal Tumors.
6. Cystic Lesions of the Pancreas.
7. Metaplastic Breast Carcinoma.
8. Neuroendocrine tumors of Lung.
9. Human Epidermal Growth Factors Receptor 2 : Testing methods and its utility.
10. Pathology of Endometrial hyperplasia. Add a note on IHC marker on benign of malignant lesion of endometrium.

M.D. Degree Examination – 02-Aug-2021

PATHOLOGY - PAPER – III
(RS-2/RS-3)
Systemic Pathology
Q.P. CODE: 7393

CORRECTIONS

Read Question No.10 as follows:

10. Pathology of Endometrial hyperplasia. Add a note on IHC marker in benign and malignant lesion of endometrium.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination - 04-Aug-2021

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

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. Write about the hormones secreting Tumors of exocrine origin.
2. Write about the pigmented Tumors of skin.
3. Write about Darrier's disease.
4. Give an account of non inflammatory non neoplastic lesion of Bone.
5. Write about clear cell sarcoma of tendons and aponeurosis.
6. Write about small round cell tumors.
7. Describe about Malignant Peripheral Nerve Sheath Tumor (MPNST).
8. Write about CNS lesions in AIDS.
9. Write about spleen in Hematological diseases.
10. Write about Mycosis Fungoides.

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 12-Nov-2021

[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. Pathological calcification.
2. Cell Adhesion molecules in Inflammation.
3. Role of Histopathology in Deep fungal infections.
4. Diseases due to use of chemicals in Agriculture field.
5. Autosomal Dominant disorders. General features and examples.
6. Role of autopsy in maternal deaths.
7. Paraneoplastic syndrome.
8. Biomedical waste disposal from pathology Lab.
9. Cell-Fee DNA. Utility in cancer diagnosis.
10. Microwave technology in Histopathology Lab.

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M.D. Degree Examination – 15-Nov-2021

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

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. Liquid based cytology in FNAC (Fine Needle Aspiration Cytology).
2. Diagnosis of Platelet functional disorders.
3. Neutrophils in Health and disease.
4. Synovial fluid analysis.
5. Pathology of Waldenstrom Macroglobulinemia.
6. The Milan System for Reporting Salivary Gland Cytopathology.
7. Haematological changes in HIV.
8. Polycythemia vera-etiopathogenesis and laboratory findings.
9. Rational use of Blood Components.
10. Laboratory findings in Von Willebrand Disease.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 17-Nov-2021

[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. Write about various vegetations of heart.
2. Discuss the pathology of major malabsorption syndrome.
3. Write about Jaundice in paediatric age group.
4. Discuss renal pathology in diabetes mellitus.
5. Write about urinary bladder epithelial tumors along with recent classification.
6. Discuss about Bethesda system of pancreatic tumors.
7. Write in detail about dating of the endometrium.
8. Write an account of tumours of prostate.
9. Write about ductal carcinoma in situ of breast. Add a note on triple negative Breast cancer.
10. Write about pathology of Chronic Obstructive Pulmonary Disease (COPD) in detail.

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M.D. Degree Examination - 19-Nov-2021

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

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. Paget disease of the bone.
2. Ethical issues in Pathology Laboratories.
3. Histopathology of skin in Leprosy.
4. Pathology of Rheumatoid Arthritis.
5. Embryonal brain tumors.
6. Primary effusion Lymphomas.
7. Role of Whole Slide Imaging in pathology teaching and practice.
8. Succinate Dehydrogenase (SDH) mutant tumors.
9. IgG4-Related Disease.
10. Role of histopathology in management of Muscular Dystrophies.

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