Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 07-May-2022

[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. Karyotyping
2. Ghon's complex.
3. Stains for melanin.
4. Zebra bodies.
5. Role of stem cell in healing.
6. Protein energy malnutrition.
7. Secondary manifestations of HIV infection.
8. Tumour markers.
9. Apoptosis
10. Type III hypersensitivity reactions.

M.D. Degree Examination – 07-May-2022

PATHOLOGY - PAPER – I (RS-2/RS-3)
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CORRECTIONS

Read Question Number 1 as follows:

1. Karyotyping

M.D. Degree Examination – 09-May-2022

[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. Role of IHC in distinguishing mantle cell lymphoma, marginal zone lymphoma.
2. Graft versus host disease.
3. Minimal residual disease in Leukemia.
4. Haematogones.
5. Allogenic stem cell transplantation.
6. Fibrin degradation products.
7. Quality control in Haematology.
8. Automation in Cytology.
9. Telescoped urinary sediment.
10. Cryoprecipitate.

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 11-May-2022

Time: Three Hours **Max. Marks: 100 Marks**

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. Pathogenesis of Cardiomyopathies.
2. Adult polycystic kidney disease.
3. Prognostic indices in epithelial neoplasms of ovary.
4. Non-alcoholic Fatty Liver Disease.
5. Dysplasia in IBD.
6. Risk assessment of Breast cancer.
7. Interstitial pneumonias.
8. In-situ lung cancers.
9. Prognostic markers in Prostatic Carcinoma.
10. Endocrine tumours of Pancreas.

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M.D. Degree Examination - 13-May-2022

[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 Problems in diagnosis of Papillary lesion of thyroid.
2. Discuss Common Skin Adnexal Tumors.
3. Write about Paget's disease of bone.
4. Discuss familial histiocytic proliferative disorders.
5. Write about the lesion associated with Thymoma.
6. Write a note on child hood tumours of eyeball.
7. Discuss the pathology of Neurodegenerative disorder.
8. Write about the Langerhans Cell Histiocytosis.
9. Describe about Prognostic indicator of Hodgkin's Disease.
10. Write in detail about Dendritic Cell Sarcoma.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 15-Nov-2022

[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. HLA in Health and disease.
2. BRAF mutations and targeted therapy.
3. FISH and TISH.
4. Warburg effect.
5. Chaperons.
6. What is Tumor lysis syndrome?
7. Sudden infant death syndrome.
8. Homeobox proteins.
9. Epigenetics in Cancer.
10. Effects of Hyperthermia.

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M.D. Degree Examination – 17-Nov-2022

[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. Red cell enzyme deficiency disorders-Etiopathogenesis and lab findings.
2. Next generation sequencing.
3. Amniotic fluid examination.
4. Immunophenotyping and cytogenetics of acute leukemias.
5. Individual donor Nucleic Acid Testing.
6. Anemia of Chronic Disease.
7. Role of Delta Check Practices in hematology quality control.
8. High Performance Liquid Chromatography (HPLC) in Haematology.
9. Inherited Thrombophilia.
10. Bethesda system for reporting thyroid cytology.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 19-Nov-2022

[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 Wegener's granulomatosis.
2. Describe in detail about Bronchial Asthma.
3. Write about Hirschsprung's disease.
4. Give a note on Budd-Chiari Syndrome.
5. Write about Xanthogranulomatous pyelonephritis.
6. Write about Malakoplakia.
7. Write about Gestational Trophoblastic Disease (GTD).
8. Discuss about Leidig Cell tumors of testis.
9. Write about the staging of Breast Carcinoma.
10. Write about the Malignant Mesothelioma of Lung.

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M.D. Degree Examination - 21-Nov-2022

[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 MEN syndromes.
2. Write about Vesiculo Bullous Lesions of Skin.
3. Write about Giant cell lesion of bone.
4. Write about interpretation of Synovial biopsies.
5. Write about the role of IHC and cytogenetics in diagnosis of Soft Tissue sarcoma.
6. Discuss about on Muscular dystrophy.
7. Write about Alzheimer's disease in detail.
8. Discuss about the pseudo tumor of Orbit.
9. Describe about Rosai Dorfman Disease.
10. Write in detail about role of Frozen sections in diagnosis of storage Disease/ Disorders.

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