Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 07-May-2022

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

GENERAL MEDICINE

PAPER – I (RS-2/RS-3)

Q.P. CODE: 9181

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. Polymerase chain reaction technique and application.
2. Insulin resistance.
3. ELISA principle, methods and applications.
4. Cytokines physiology and clinical implications.
5. Monoclonal antibodies clinical pharmacology.
6. Hypersensitivity reaction types and clinical implications.
7. Pituitary hormones.
8. Thyroid hormones physiology.
9. Vitamin D physiology.
10. Oncogenes, mechanism and associated tumors.

M.D. Degree Examination – 09-May-2022

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

GENERAL MEDICINE

PAPER – II (RS-2/RS-3)

Q.P. CODE: 9182

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. Complications and management of Enteric fever (Typhoid).
2. Emerging therapies and strategies in treatment of Heart failure.
3. Discuss the complications of Chronic Pancreatitis.
4. Describe various recommendations for treatment of chronic Hepatitis ‘’B’’.
5. Systemic Protozoal Infections.
6. Atrial Fibrillation.
7. Tropical Splenomegaly.
8. Lepra reactions.
9. Multi drug resistant tuberculosis.
10. Discuss pathophysiology and management of severe sepsis.

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 11-May-2022

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

GENERAL MEDICINE
PAPER III (RS-2/RS-3)
Q.P. CODE: 9183

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

Answer All The Questions **10 X 10 = 100**

1. Discuss clinical features, diagnosis and management of Pulmonary Thromboembolism.
2. Write the clinical features, diagnosis and management of Hypoventilation.
3. Biologicals in rheumatoid arthritis.
4. Posterior circulation stroke.
5. Acute Interstitial Pneumonia.
6. Cerebral venous sinus thrombosis.
7. Acute severe asthma.
8. Neuroendocrine tumors.
9. Criteria for Systemic Lupus Erythematosus (SLE) diagnosis.
10. Mixed connective tissue disorders.

M.D. Degree Examination – 13-May-2022

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

GENERAL MEDICINE
PAPER – IV (RS-2/RS-3)
Q.P. CODE: 9184

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

Answer All The Questions **10 X 10 = 100**

1. Diagnosis and management of chronic Myeloid Leukemia.
2. Acute renal failure in Tropics.
3. Renal Osteodystrophy.
4. Silicosis.
5. Management of Poisonous snake bite.
6. Eating disorders.
7. Paraneoplastic syndromes.
8. Renal tubular acidosis.
9. Myxedema coma.
10. Thrombocytopenia.

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination – 13-May-2022

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

GENERAL SURGERY
PAPER - IV (RS-2/RS-3)
Q.P. CODE: 8284

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. Undescended testis.
2. Ureterorenoscopy.
3. Unilateral Hydronephrosis
   Or
   Unilateral hydrocephalus
4. Surgery for hydrocephalus.
5. X-ray KUB.
6. Wilm's tumour.
7. Urinary incontinence.
8. Management of a case of hematuria.
9. Dermoid cyst.
10. Compartment syndrome.

M.D. Degree Examination – 15-Nov-2022

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

GENERAL MEDICINE
PAPER I (RS-2/RS-3)
Q.P. CODE: 9181

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. X linked disorders.
2. Describe Vitamin B12 metabolism. Write briefly about the Neurological manifestations of Vitamin B12 deficiency.
3. Obesity and Obstructive sleep apnoea.
4. Extraocular muscles and their movements. Write a note on Superior orbital fissure syndrome.
5. Counter current multiplier system of the Kidney. Write briefly on Gitelman Syndrome.
6. Portocaval anastomosis and management of portal hypertension.
7. Define shock. Discuss the pathophysiology and management of Septic shock.
8. Pyrogenic cytokines and their role in pathogenesis of fever.
9. Role of Glucagon Like Peptide 1 (GLP 1) in the pathogenesis and management of Type II diabetes mellitus.
10. Describe Erythropoiesis. Write briefly on Polycythaemia rubra vera.

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 17-Nov-2022

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

GENERAL MEDICINE
PAPER - II (RS-2/RS-3)
Q.P. CODE: 9182

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. Gastroduodenal mucosal defense
2. Clinical features, diagnosis and treatment of neurosyphilis
3. Rhino – orbital – cerebral mucormycosis
4. Left ventricular remodeling
5. Treatment and prevention of Cholera
6. Diagnosis and treatment of Brucellosis
7. Narrow QRS tachycardia
8. Auto immune hepatitis
9. Thyroid functions tests
10. Hypoglycemia

M.D. Degree Examination – 19-Nov-2022

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

GENERAL MEDICINE
PAPER III (RS-2/RS-3)
Q.P. CODE: 9183

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. Treatment and prevention of cluster headache
2. Endovascular revascularization for acute ischemic stroke
3. Light chain amyloidosis (AL)
4. Management of hyperuricemia
5. Inflammatory mediators and effect of airway inflammation in bronchial asthma
6. Immunopathogenesis and treatment of Gilliain - Barrie syndrome
7. Interstitial lung diseases
8. Biosimilar
9. Sarcoidosis
10. Chronic diarrhea – approach

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 21-Nov-2022

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

GENERAL MEDICINE
PAPER - IV (RS-2/RS-3)
Q.P. CODE: 9184

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. Autosomal dominant polycystic kidney disease.
2. Renal replacement therapy.
3. Nephrotic syndrome.
4. Wilson’s disease.
5. Osteoporosis.
6. Dyslipidemia.
7. Silicosis.
8. Russell’s Viper Envenomation.
9. Psoriasis cutaneous and extra cutaneous manifestations.
10. Multiple sclerosis.