Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – September 2007

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

GENERAL MEDICINE

PAPER I

QP Code : 7341

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe recent developments in diagnostic tests using molecular techniques.
2. Describe in detail the calculation of calorie requirement of a type 2 diabetic who weighs 90 kg, and is 160 cm. tall. Describe the various quantities of macronutrients and planning of his meals.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Describe the metabolism of alcohol after ingestion. What is the effect of alcohol on intermediary metabolism?
4. Nephrotoxicity of drugs
5. Discuss the role of complement in immunity
6. Describe the apolipoproteins and their significance in disease status
7. What are the major buffering systems in the body, and how do they function to maintain normal pH?
8. What are prions? How do they cause disease?

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – September 2007

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

GENERAL MEDICINE

PAPER II

QP Code : 7342

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

NG ESSAY **2 X 20 = 40 Marks**

1. Discuss the drug resistance in a patient of tuberculosis. How do you manage multi drug resistant tuberculosis?
2. Discuss the recent trends in etiopathogenesis and management of congestive cardiac failure.

RT ESSAY **6 X 10 = 60 Marks**

3. Tropical pulmonary eosinophilia
4. H.Pylori infection - current status
5. Treatment of hepatitis B infection
6. Giardiasis
7. Management of unstable angina
8. Legionnaire's disease

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – September 2007

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

GENERAL MEDICINE

PAPER III

QP Code : 7343

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss etiology, clinical features and management of pulmonary arterial hypertension.
2. Discuss the various nutritional neurological disorders in India.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Modern management of Parkinsonism
4. Reiter's disease
5. Graft-versus-Host diseases
6. Hashimoto's thyroiditis
7. Variants of Guillain Barre Syndrome
8. Non-invasive ventilation

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – September 2007

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

GENERAL MEDICINE

PAPER IV

QP Code : 7344

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Bone marrow transplantation: indications, procedure and preparatory of patient.
2. Endocrine myopathies.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Treatment of infections in hematological malignancy
4. Renovascular hypertension: diagnosis and its management
5. Lepra reaction
6. Cognitive psychotherapy
7. Management of organophosphate poisoning. Brief note on intermediate syndrome.
8. Diabetic nephropathy: pathogenesis and its prevention

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