(41)

FR. MULLER
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M.D. (GENERAL MEDICINE) DEGREE EXAMINATION, 2004

Paper I

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Describe lipid metabolism in health and disease. Discuss the role of drugs pertaining to lipid metabolism.

2 List the diseases in which a single gene abnormality has been found to cause a major disease. What is the role of gene-testing for healthy relatives of affected individuals ?

(2 × 20 = 40 marks)

II. Short Essays :

3 Write short notes on α glucosidase inhibitors.

4 Write short note on mitcohondrial DNA.

5 Discuss the site of action of different diuretics on the kidney.

6 Discus the evaluation of a case of suspected drug adverse reaction resulting in a skin rash.

7 Describe how bacteria develop resistance to antibiotics and give examples of drug-resistant bacteria. What are the methods of preventing development of drug resistance ?

8 Discuss the role of antidiuretic hormone in the body.

(6 × 10 = 60 marks)

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Paper II

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Discuss the causes, clinical features and management of Infective Endocarditis.

2 Classify Malabsorption syndrome. Discuss the laboratory investigations of malabsorption syndrome.

(2 × 20 = 40 marks)

II. Short Essays :

3 Management of Falciparum Malaria.

4 Clinical features and management of Herpes Zoster.

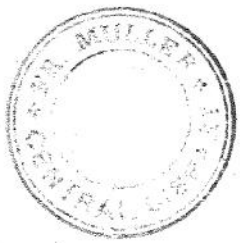
5 Clinical manifestations of Hydatid cyst.

6 Lipoprotein "*a*".

7 Extra intestinal manifestation of ulcerative colitis.

8 Kyasanur forest disease.

(6 × 10 = 60 marks)



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Paper III

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Discuss the organic diseases which may present as psychosis, or in which psychosis is part of the symptom complex. Describe the management.

2 Discuss the modern approach to the management of bronchial asthma in outpatients as well as acute exacerbations in emergency departments.

(2 × 20 = 40 marks)

II. Short Essays :

3 Discuss the drug management of Parkinsons disease.

4 Discuss is the lung involvement in connective tissue disorder.

5 Describe the clinical features and management of allergic bronchopulmonary aspergillosis.

6 What are the therapeutic options in multi-drug resistant tuberculosis ?

7 What is reactive arthritis ? How is it diagnosed and managed ?

8 Discuss the latest drugs used in immuno-suppressive regimens in organ transplantation.

(6 × 10 = 60 marks)

(44)

YJ—7344

M.D. (GENERAL MEDICINE) DEGREE EXAMINATION, 2004

Paper IV

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Discuss pathogenesis, clinical features and management of Tetanus.

2 Discuss the alteration in calcium metabolism in renal failure and outline the management of Renal Osteodystrophy.

(2 × 20 = 40 marks)

II. Short Essays :

3 Febrile neutropenia.

4 Biologic effects of radiation.

5 Paroxysmal nocturnal Haemoglobinuria.

6 Hypersplenism.

7 Insulin sensitizers.

8 Obsessive compulsive neurosis.

(6 × 10 = 60 marks)

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