

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (GENERAL MEDICINE) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO MEDICINE

Monday, July 04, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions.

1. Describe the physiological functions of liver. Discuss how these are altered in hepatic encephalopathy.

(30 marks)

2. Write short notes on:

2A. Monoclonal antibodies.

2B. Structure and function of the nephron.

2C. Circadian rhythm disorders.

2D. Pathophysiology of essential hypertension.

2E. Chronic fatigue syndrome.

2F. Recombinant DNA Technology.

2G. Role of radiology and imaging procedure in mediastinal diseases.

(10×7=70 marks)



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**SUBJECT: PAPER II: NEUROLOGY, RESPIRATORY DISEASES, BLOOD DISORDERS
AND ENDOCRINOLOGY**

Tuesday, July 05, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions.

1. Discuss aetiology, diagnosis and management of Acute Pulmonary Embolism.

(30 marks)

2. Write short notes on:

2A. Metabolic encephalopathy.

2B. Drug induced Polyneuropathy.

2C. Aplastic anemia.

2D. Hypercalcemia.

2E. Pheochromocytoma.

2F. Nonspherocytic Haemolytic anemia.

2G. Gynaecomastia.

(10×7=70 marks)

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SUBJECT: PAPER III: CARDIOVASCULAR DISEASE, GASTROENTEROLOGY,
COLLAGEN DISEASE, GENETICS, IMMUNOLOGY AND RENAL DISORDER

Wednesday, July 06, 2005

Time: 3 Hrs.

Max. Marks: 100

☞ Answer all the questions.

1. Discuss the recent trends in the management of myocardial infarction.

(30 marks)

2. Write short notes on:

2A. Non atheromatous arteriosclerosis.

2B. Irritable Bowel Syndrome.

2C. Management of rheumatoid arthritis.

2D. Gene Therapy.

2E. Primary immunodeficiency.

2F. Erectile dysfunction.

2G. Constipation.

(10×7=70 marks)



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**SUBJECT: PAPER IV: INFECTIOUS DISEASE, TROPICAL MEDICINE, PSYCHIATRY
AND RECENT ADVANCES**

Thursday, July 07, 2005

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions.

1. Etiopathogenesis, clinical features and management of septic shock.

(30 marks)

2. Write short notes on:

2A. Hepatitis E.

2B. Serological tests for diagnosis of tuberculosis.

2C. Treatment of Pork tapeworm infestation.

2D. Catatonia.

2E. Sertraline.

2F. Larva migrans.

2G. HIV prophylaxis.

(10×7=70 marks)

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