

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE/JULY 2006**SUBJECT: GENERAL MEDICINE**

Thursday, June 29, 2006

Time: 3 Hrs.

Max. Marks: 80

PART – I✍ Answer any **THREE** of the following.

1. Classify anaemia. Write in detail about iron deficiency anaemia.
2. Define diabetes mellitus. Write about diagnosis, clinical features and complications of type 2 diabetes mellitus.
3. Define cirrhosis of liver. Discuss aetiopathogenesis, clinical features, complication and management of cirrhosis of liver.
4. Discuss calcium metabolism. Write in detail about hypercalcemia.

(15×3 = 45 marks)

PART – II✍ Answer **ALL** questions.

5. Write short notes on:
 - 5A. Universal precaution.
 - 5B. Lower Respiratory tract infection.
 - 5C. Leukemias.
 - 5D. Acute renal failure.
 - 5E. Acute viral hepatitis.
 - 5F. Principles of poisoning management.

(5×6 = 30 marks)

PART – III

6. Write short notes on pigmentary disorders of skin.

(5 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE/JULY 2006**SUBJECT: GENERAL SURGERY**

Friday, June 30, 2006

Time: 3 Hrs.

Max. Marks: 80

Answer ALL questions.

1. Long Questions.

1A. Discuss the following postoperative complications in abdominal surgery:

- i) pulmonary ii) metabolic iii) Renal

(4+3+3 = 10 marks)

1B. Describe the anatomy of lungs & heart with diagrams.

(5+5 = 10 marks)

1C. Discuss the methods of birth control with advantages and disadvantages.

(10 marks)

1D. Discuss the complications of colostomy.

(10 marks)

1E. Discuss the complications of blood transfusion.

(10 marks)

2. Write short notes on each of the following:.

(5×6 = 30 marks)

2A. Femoral hernia.

2B. Complication of prostatectomy.

2C. Pressure sore management.

2D. Types of grafts & flaps.

2E. Bronchiectasis.

2F. Sexually Transmitted Diseases.



MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE/JULY 2006**SUBJECT: SOCIAL AND PREVENTIVE MEDICINE AND SOCIOLOGY**

Saturday, July 01, 2006

Time: 3 Hrs.

Max. Marks: 80

- ✍ Answer SECTION – A and SECTION – B in separate answer books
 ✍ Answer ALL the questions.

SECTION – A: SOCIAL AND PREVENTIVE MEDICINE: 40 MARKS

1. Discuss the possible deformities and disabilities in Leprosy. Briefly mention the rehabilitation measures for leprosy patients. (5+5 = 10 marks)
2. Write short notes on:
 - 2A. Food hygiene. (5 marks)
 - 2B. Mention advantages and disadvantages of the oral contraceptive pills. (5 marks)
 - 2C. Roll of arthropods in the transmission of communicable diseases. (5 marks)
 - 2D. What is meant by natural history of the disease? Outline the phases. (2+3 = 5 marks)
 - 2E. Benefits of ESIS. (5 marks)
 - 2F. What are the determinants of health? (5 marks)

SECTION – B: SOCIOLOGY: 40 MARKS

3. Why is sociology called a science? Explain its uses in physiotherapy. (3+7 = 10 marks)
4. Explain the problems of women in employment. (10 marks)
5. Explain how social control helps to improve human health? (10 marks)
6. Write short notes on the following:
 - 6A. Family disorganization.
 - 6B. Life style and health. (5×2 = 10 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE/JULY 2006**SUBJECT: CLINICAL PSYCHOLOGY AND PSYCHIATRY
(OLD REGULATION)**

Monday, July 03, 2006

Time: 3 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

1. Discuss the nature and goals of counseling.
(20 marks)

2. What is behaviour therapy? Describe the various techniques of behaviour therapy.
(20 marks)

3. Write an essay on the following:
 - 3A. Factors that help human growth and adjustment.
 - 3B. Psychological Assessment.(10+10 = 20 marks)

4. Write short notes on the following:
(5×4 = 20 marks)
 - 4A. Supportive therapy.
 - 4B. Personality disorders.
 - 4C. Electroconvulsive therapy.
 - 4D. Observation method.



MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE/JULY 2006**SUBJECT: CLINICAL PSYCHOLOGY AND PSYCHIATRY**

Monday, July 03, 2006

Time: 3 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

1. Discuss the concept of stress as well as its various sources and methods of coping.
(20 marks)
2. Discuss the need for classification of mental disorders and enumerate on DSM IV and ICD 10 classification systems.
(20 marks)
3. Write an essay on the following:
 - 3A. Indian concept of mental health and illness.
 - 3B. Psychodynamic and socio-cultural models of mental disorders.(10+10 = 20 marks)
4. Write short notes on the following:
 - 4A. Obsessive Compulsive disorder.
 - 4B. Case history method.
 - 4C. Qualities of a good counsellor.
 - 4D. Group therapy.(5×4 = 20 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE/JULY 2006**SUBJECT: OCCUPATIONAL THERAPY IN PAEDIATRICS AND DEVELOPMENTAL DISABILITIES**

Tuesday, July 04, 2006

Time: 3 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

1. Define visual perception. Describe the typical development of visual perceptual skills.
(2+13 = 15 marks)
2. Explain the domains of handwriting and legibility components. Describe the neuro-developmental principles in the remediation of handwriting difficulties.
(3+6+6 = 15 marks)
3. What are the theoretical assumptions of NDT frame of reference? Explain with examples. Explain the principles of postulates regarding change.
(8+7 = 15 marks)
4. Describe the four stages of cognitive development. Explain in detail the concrete operation stage with suitable examples.
(8+7 = 15 marks)
5. Short notes:
 - 5A. Phallic stage of psychosexual development.
 - 5B. Functional classification of muscular dystrophy.
 - 5C. Classification of low birth weight babies.
 - 5D. Properties of Norm referenced test.
(5+5+5+5 = 20 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE/JULY 2006**SUBJECT: OCCUPATIONAL THERAPY IN MENTAL HEALTH**

Wednesday, July 05, 2006

Time: 3 Hrs.

Max. Marks: 80

Answer ALL the questions.

1. Enlist the features of Mania. Discuss the occupational therapy intervention for a 40 years old pharmacist diagnosed to have mania.
(3+12 = 15 marks)
2. Enlist the features of panic attack. Plan the treatment program for a 23 years old female college student suffering from social phobia.
(3+12 = 15 marks)
3. Explain the occupational therapy goals and management for a 40 years old lady who has compulsions of repeated hand washing.
(15 marks)
4. A 25 years old lady is diagnosed with post partum psychosis. List the occupational therapy goals and describe the intervention program.
(15 marks)
5. Write short notes on the following:
 - 5A. Value of groups.
 - 5B. Habituation subsystem.
 - 5C. Electro convulsive therapy.
 - 5D. Features of catatonic schizophrenia.
(5×4 = 20 marks)

