

MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2011****SUBJECT: GENERAL MEDICINE**

Tuesday, June 07, 2011

Time: 10:00-13:00 Hrs.

Max. Marks: 80

PART – I**1. Answer any THREE of the following:**

- 1A. Etiology, clinical features, diagnosis and complications of Leptospirosis.
- 1B. Discuss approach to a case of Hyperthyroidism.
- 1C. Etiology, clinical features, diagnosis and treatment of COPD.
- 1D. Approach to a case of Congestive Cardiac Failure.

(15×3 = 45 marks)

PART – II**2. Write short notes on:**

- 2A. Cirrhosis of Liver.
- 2B. Acute Renal Failure.
- 2C. Cushing's disease.
- 2D. Hypertension.
- 2E. Metabolic Acidosis.
- 2F. Chickungunya Fever.

(5×6 = 30 marks)

PART – III**3. Short note:**

Obesity.

(5 marks)



MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2011

SUBJECT: GENERAL SURGERY

Thursday, June 09, 2011

Time: 10:00-13:00 Hrs.

Max. Marks: 80

Answer all questions.

1. Long Questions:

- 1A. Describe types of skin grafts and flaps.
- 1B. Describe indications and types of tracheostomy. Discuss post-operative care and complications of tracheostomy.
- 1C. Describe clinical features of carcinoma breast. Discuss surgical management and complications of carcinoma breast.
- 1D. Discuss aetiology, clinical features and management of carcinoma lung. Add a note on Video assisted thoracoscopic surgery.
- 1E. What are the clinical features of cholecystitis? Discuss surgical treatment and post-operative complications of cholecystitis.

(10×5 = 50 marks)

2. Short Questions:

- 2A. Discuss the metabolic sequelae of stress response.
- 2B. Enumerate indications and complications of blood transfusion.
- 2C. Discuss water intoxication.
- 2D. Discuss clinical features and management of incisional hernia.
- 2E. Discuss Benign Prostatic Hypertrophy.
- 2F. Discuss Conjunctivitis.

(5×6 = 30 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2011****SUBJECT: OCCUPATIONAL THERAPY IN MENTAL HEALTH**

Saturday, June 11, 2011

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL questions.**

1. Discuss in detail the need for assessment in Occupational therapy. Elaborate on the various types of assessment.
(7+8 = 15 marks)
2. Explain the impact of anxiety disorders on daily functioning. Explain how cognitive behavior therapy can be used in the occupational therapy management for a patient with Phobic Disorder.
(5+10 = 15 marks)
3. Discuss the assessment, approaches used and occupational therapy management of a 20 year old girl diagnosed as Dissociative identity disorder.
(4+3+8 = 15 marks)
4. Write a note on the impact of psychiatric disorders on daily functioning. Describe in detail how you would retrain Instrumental Activities of Daily Living (IADL).
(4+11 = 15 marks)
5. **Write Short notes on the following:**
 - 5A. Responding to patients with cognitive deficits.
 - 5B. Occupational therapy goals for epilepsy.
 - 5C. Training self control as a component of social skill.
 - 5D. Grades of insight and its influence on OT treatment planning.
(5×4 = 20 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2011****SUBJECT: PSYCHIATRY AND CLINICAL PSYCHOLOGY**

Tuesday, June 14, 2011

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer all questions:

1. Discuss the Oriental and Indian concept of mental health and illness.
(20 marks)
2. Describe the etiology and clinical features of psychosomatic disorders.
(20 marks)
3. **Write an essay on the following:**
 - 3A. Dementia.
 - 3B. Attention Deficit Hyperactivity Disorder.(10×2 = 20 marks)
4. **Write short notes on the following:**
 - 4A. Crisis reaction.
 - 4B. Personality assessment.
 - 4C. ECT.
 - 4D. Marital therapy.(5×4 = 20 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2011****SUBJECT: OCCUPATIONAL THERAPY IN PAEDIATRICS AND DEVELOPMENTAL DISABILITIES**

Thursday, June 16, 2011

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer ALL questions.

1. Define cerebral palsy and clinical features of various types of cerebral palsy. Describe the possible problems in trunk control and the application of NDT to facilitate the same.
(2+3+3+7 = 15 marks)
2. Describe the development of biting in chewing in the first 2 years of life. Describe the handling technique to facilitate oral movement.
(7+8 = 15 marks)
3. Explain the hierarichial development of visual receptive and visual cognitive components. Describe the intervention for visual-motor integration in children.
(5+5+5 = 15 marks)
4. Describe the Bundy concept of play as a continuum of transaction. Delineate the salient features of an intervention program to facilitate playfulness in a child who is not playful.
(7+8 = 15 marks)
5. **Short Notes:**
 - 5A. Activities to promote handwriting readiness.
 - 5B. Standardized assessment scales used in NICU.
 - 5C. Function-dysfunction continua for variety-of-movement.
 - 5D. Occupational therapy implications of hydrocephalus.
(5×4 = 20 marks)



MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2011
SUBJECT: SOCIAL AND PREVENTIVE MEDICINE AND SOCIOLOGY
Saturday, June 18, 2011

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer SECTION – ‘A’ and SECTION – ‘B’ in separate answer books.**

SECTION – A: SOCIAL AND PREVENTIVE MEDICINE: 40 MARKS

- 1A. Enumerate nutritional deficiency disorders.
1B. Discuss the methods to control Protein energy Malnutrition.

(4+6 = 10 marks)

2. Write short notes on:

- 2A. Discuss epidemiology of leprosy.
2B. Discuss the danger signals during labour.
2C. Epidemiological triad.
2D. Prevention of hypertension.
2E. Hospital waste management.
2F. Community based rehabilitation of a Poliomyelitis patient.

(5×6 = 30 marks)

SECTION ‘B’: SOCIOLOGY : 40 MARKS

✍ **Answer all questions.**

3. Why is sociology called a science? Explain its uses in physiotherapy and occupational therapy.
4. What are social groups? Explain the role of primary and secondary groups in the hospital.
5. What is family? Explain the influences of family on the individuals' health.

(5+5 = 10 marks)

(2+8 = 10 marks)

(2+8 = 10 marks)

6. Short Answers:

- 6A. The problem of women in employment.
6B. Impact of culture on human behavior.

(5×2 = 10 marks)

