

MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2009****SUBJECT: GENERAL MEDICINE**

Monday, June 08, 2009

Time: 10:00-13:00 Hrs.

Max. Marks: 80

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

1. Clinical features, Modes of spread, Investigations treatment of Cholera.
2. Modes of spread of HIV, Universal precautions.
3. General principles of poisoning management.
4. Life cycle, clinical features, Complications investigations and treatment of malaria.

(15×3 = 45 marks)

PART – II✍ **Answer ALL questions.**

5. Write short notes on:
 - 5A. Heart failure
 - 5B. Ishaemic heart disease
 - 5C. Obesity
 - 5D. Urinary tract infections.
 - 5E. ACLS (Advanced Cardiac Life Support)
 - 5F. Addison's Disease

(5×6 = 30 marks)

PART – III**6. Short notes:**

Tropic Ulcers classification and management.

(5 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2009****SUBJECT: GENERAL SURGERY**

Tuesday, June 09, 2009

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer all questions.**1. Long questions:**

- 1A. What is surgical stress response? Describe pathways of activation of stress response. Enumerate the metabolic sequelae of stress response. What are the features of Systemic inflammatory response syndrome (SIRS)?
- 1B. What are the clinical features of cholecystitis? Discuss surgical treatment and post-operative complications of cholecystitis.
- 1C. Describe clinical features of carcinoma breast. Discuss surgical management and complications of carcinoma breast.
- 1D. Discuss Rheumatic heart disease. Discuss surgical options for management of valvular heart disease.
- 1E. Classify burns. Discuss management and complications of burns.

(10×5 = 50 marks)

2. Short questions:

- 2A. Discuss types of Regional Anaesthesia.
- 2B. Give a few examples of adverse scars. Compare Hypertrophic and Keloid scars.
- 2C. Discuss Hyperkalaemia.
- 2D. Classify hernia.
- 2E. Discuss Parotitis.
- 2F. Discuss tracheostomy care.

(5×6 = 30 marks)



MANIPAL UNIVERSITY

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2009

SUBJECT: SOCIAL AND PREVENTIVE MEDICINE AND SOCIOLOGY

Wednesday, June 10, 2009

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

1. What are the risk factors for Cerebral stroke? Discuss how do you develop a Community based rehabilitation program for them?
(3+7 = 10 marks)

2. Discuss different modes of disease transmission.
(10 marks)

3. Write short notes on:
 - 3A. Family planning methods (only enumerate).
 - 3B. Vitamin A Prophylaxis for children under three years of age.
 - 3C. Discuss the components of Iodine deficiency disorders control program.
 - 3D. Enumerate different types of hospital waste disposal technologies.
(5×4 = 20 marks)

SECTION ‘B’: SOCIOLOGY : 40 MARKS

✍ **Answer all questions.**

4. Define family. Explain the role of family on human health.
(2+8 = 10 marks)

5. What is urban community? Explain its role in public health.
(2+8 = 10 marks)

6. What is caste? Explain the features of modern caste system.
(2+8 = 10 marks)

7. Write short notes on the following:
 - 7A. The role of medical social worker.
 - 7B. How does social change cause deseiance?
(5+5 = 10 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2009****SUBJECT: PSYCHIATRY AND CLINICAL PSYCHOLOGY**

Thursday, June 11, 2009

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer all the questions:

1. Define Mental Retardation and discuss the general etiology of this condition.
(20 marks)

2. Discuss various psychiatric disorders related to epilepsy.
(20 marks)

3. Write an essay on the following:
 - 3A. Discuss the problems of old age.
 - 3B. Substance dependence disorders.(10+10 = 20 marks)

4. Write short notes on the following:
 - 4A. Stress related emotion.
 - 4B. Personality disorders.
 - 4C. Cognitive therapies.
 - 4D. Supportive psychotherapy.(5×4 = 20 marks)



MANIPAL UNIVERSITY

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2009

SUBJECT: OCCUPATIONAL THERAPY IN PAEDIATRICS AND DEVELOPMENTAL DISABILITIES

Friday, June 12, 2009

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

1. Explain the theoretical assumptions of Sensory Integrative frame of reference. Discuss the function-dysfunction continuum; behaviors indicative of function-dysfunction and postulates regarding change for tactile system.
(5+3+3+4 = 15 marks)
2. Explain the visual-cognitive components. Describe the assessment of the same and intervention model to address the visual –cognitive areas in the classroom.
(5+5+5 = 15 marks)
3. What are the stages of swallowing? Explain the sensory issues of feeding and intervention for the same.
(5+5+5 = 15 marks)
4. Explain at least two components in each of the sensori-motor, cognitive and psychosocial factors that influence handwriting. Explain neurodevelopmental and acquisitional frame of reference in planning the intervention of handwriting tasks in children.
(6+5+4 = 15 marks)
5. **Short Notes:**
 - 5A. Associated impairments with seizure disorder.
 - 5B. Describe any three conditions included under psychosocial dysfunctions in children.
 - 5C. Theories of sensory stimulation in NICU.
 - 5D. Types of muscular dystrophy.

(5×4 = 20 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2009****SUBJECT: OCCUPATIONAL THERAPY IN MENTAL HEALTH**

Saturday, June 13, 2009

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. Define Assessment in Occupational Therapy. Describe the process of assessment in Mental Health practice.
(3+12 = 15 marks)
2. Define and enlist the various conditions included in the category of Somatoform disorders. Write an Occupational Therapy program for a 30-year old female diagnosed as Hypochondriasis.
(5+10 = 15 marks)
3. Describe in brief the theoretical basis of Humanistic frame of reference and with those guidelines, plan a therapy program for a 20-yr old male student diagnosed with Depression.
(5+10 = 15 marks)
4. Describe clinical features and medical management of Mania. Plan an Occupational Therapy program for a 50-year old Bank manager diagnosed as Mania.
(5+10 = 15 marks)
5. **Short notes:**
 - 5A. Operant conditioning.
 - 5B. Clinical features of Hebephrenic schizophrenia.
 - 5C. Maslow's hierarchy of needs.
 - 5D. Mature Defense mechanisms.
(5×4 = 20 marks)

