

MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2008****SUBJECT: GENERAL MEDICINE**

Monday, June 16, 2008

Time: 3 Hrs.

Max. Marks: 80

PART – I

1. Answer any **THREE** of the following:
- 1A. Essay on Calcium Metabolism. Causes, Clinical features, Investigations and Treatment of Hypercalcaemia.
 - 1B. Definition, clinical features, investigations and treatment of Heart failures.
 - 1C. Causes, clinical features, investigations and treatment of hypothyroidism.
 - 1D. Causes, clinical features, complications, investigations and treatment of acute renal failure.

(15×3 = 45 marks)

PART – II

2. Write short notes on:
- 2A. Bleeding disorders.
 - 2B. Clotting disorders.
 - 2C. Haematologic malignancies.
 - 2D. Malaria.
 - 2E. Pneumonia.
 - 2F. Nephritic Syndrome.

(5×6 = 30 marks)

PART – III

3. Write short notes on Tropic Ulcer investigations and management.

(5 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2008****SUBJECT: GENERAL SURGERY**

Tuesday, June 17, 2008

Time: 3 Hrs.

Max. Marks: 80

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

- 1A. Describe indications and types of tracheostomy. Discuss post-operative care and complications of tracheostomy.
- 1B. Describe clinical features of carcinoma breast. Discuss surgical management and complications of carcinoma breast.
- 1C. What are the clinical features of cholecystitis? Discuss surgical treatment and post-operative complications of cholecystitis.
- 1D. Describe the anatomy and aetiopathogenesis of coronary artery disease. Discuss the management of coronary artery disease.
- 1E. Classify burns. Discuss management and complications of burns.

(10×5 = 50 marks)

2. Short questions:

- 2A. Discuss Systemic inflammatory response syndrome (SIRS).
- 2B. Discuss anion gap.
- 2C. Classify ulcers and discuss treatment of a non-specific ulcer in general.
- 2D. Describe types of abdominal incisions.
- 2E. Classify hernia.
- 2F. Discuss Parotitis.

(5×6 = 30 marks)



MANIPAL UNIVERSITY

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2008

SUBJECT: SOCIAL AND PREVENTIVE MEDICINE AND SOCIOLOGY

Wednesday, June 18, 2008

Time: 3 Hrs.

Max. Marks: 80

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

SECTION – A: SOCIAL AND PREVENTIVE MEDICINE: 40 MARKS

- 1A. What are the causes of Blindness?
- 1B. What are the possible occupational eye health services available?
- 1C. What are the rehabilitation measures you suggest for a patient with blindness?
(3+3+4 = 10 marks)

2. Discuss Acute Respiratory tract Infection under following heads:
 - 2A. Epidemiology
 - 2B. Prevention

(5+5 = 10 marks)

3. Write short notes on:
 - 3A. Universal work precautions
 - 3B. ESI Act
 - 3C. Disaster cycle
 - 3D. Uses of epidemiology

(5×4 = 20 marks)

SECTION ‘B’: SOCIOLOGY : 40 MARKS

✍ **Answer ALL questions.**

4. What is health? Discuss the social factors affecting health status.
(2+8 = 10 marks)

5. What are social groups? Discuss the influence of formal and informal groups on health sickness.
(2+8 = 10 marks)

6. Explain the causes and consequences of unemployment.
(5+5 = 10 marks)

7. Write short notes on the following:
 - 7A. Effect of sickness on family.
 - 7B. Problems of women at employment.

(5+5 = 10 marks)



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FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2008

SUBJECT: CLINICAL PSYCHIATRY AND CLINICAL PSYCHOLOGY

Thursday, June 19, 2008

Time: 3 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

1. Discuss the scope of psychological assessment in mental health field. (20 marks)

2. What is counseling? Discuss the nature and process of counseling. (20 marks)

3. Write an essay on the following:

3A. Supportive psychotherapy.

3B. Indian concept of mental health and Illness.

(10+10 = 20 marks)

4. Write short notes on the following:

4A. Assessment of disability.

4B. Human growth and adjustment.

4C. Substance use disorders.

4D. Dementia.

(5×4 = 20 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2008****SUBJECT: OCCUPATIONAL THERAPY IN PAEDIATRICS AND DEVELOPMENTAL DISABILITIES**

Friday, June 20, 2008

Time: 3 Hrs.

Max. Marks: 80

Answer ALL the questions.

1. Describe the influence of postural tone on feeding dysfunctions. What are sensory issues which interfere with the feeding process and explain the remedial strategy for them?
(5+5+5 = 15 marks)
2. Define and classify cerebral palsy. Explain the characteristic features of motor patterns in children with spastic cerebral palsy. Explain how multiple contractures in spastic group of muscles of lower limb influence sitting posture in children with cerebral palsy.
(5+5+5 = 15 marks)
3. Explain the application of Sensory Integrative frame of reference for a 10 year old child with autism and hypothesized to have vestibular processing disorder.
(15 marks)
4. Explain creative play. Write down the intervention for setting the environment and facilitating internal locus of control for a child with deficit playfulness.
(7+8 = 15 marks)
5. Short notes:
 - 5A. Difference between negative reinforcement and punishment.
 - 5B. Define visual perception and briefly explain visual discrimination.
 - 5C. Industry versus Infirmity. Explain.
 - 5D. Explain different assessment strategies used for children with down syndrome.
(5×4 = 20 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2008****SUBJECT: OCCUPATIONAL THERAPY IN MENTAL HEALTH**

Saturday, June 21, 2008

Time: 3 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

1. Briefly discuss the concepts of mental health. Classify mental and behavioral disorders in ICD-10.
(7+8 = 15 marks)
2. Describe 1st rank symptoms of schizophrenia. Briefly explain the therapy program for a 40 years old housewife with paranoid schizophrenia.
(3+12 = 15 marks)
3. A 25 years old salesman is diagnosed to have Mania. Describe occupational therapy management for him.
(15 marks)
4. Discuss Erikson's developmental tasks. Explain the occupational therapy management for a 20 years old girl diagnosed with panic attack.
(7+8 = 15 marks)
5. Write short notes on the following:
 - 5A. Stress management techniques.
 - 5B. Insight.
 - 5C. Projective techniques.
 - 5D. Anorexia nervosa.(5×4 = 20 marks)

