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MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2016
SUBJECT: GENERAL MEDICINE
(2010 BATCH)

Friday, June 03, 2016

Time: 10:00-13:00 Hrs.

Max. Marks: 80

1. **Answer any THREE of the following:**

1A. Define anemia. How do you classify anemia. Describe clinical features, diagnosis and management of Iron deficiency anemia.

(1+2+4+4+4 = 15 marks)

1B. Discuss the general precautionary measures in ICU to prevent infections. How do you manage a case of MRSA infection?

(10+5 = 15 marks)

1C. Describe the etiology, classification, clinical features, diagnosis and management of hyperthyroidism

(2+2+4+3+4 = 15 marks)

1D. Define bronchial asthma. Describe the pathophysiology, clinical features, diagnosis and management of asthma.

(1+2+4+4+4 = 15 marks)

2. **Answer ALL the following:**

2A. Enumerate the Micro and Macro vascular complications of Diabetes

2B. Clinical features of chronic kidney disease

2C. Signs and symptoms of protein energy Malnutrition

2D. Signs and symptoms of neurotoxic snake bite

2E. Angina pectoris

2F. Management of OP poisoning

(5 marks × 6 = 30 marks)

3. **Answer the following:**

Management of trophic ulcer

(5 marks)



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MANIPAL UNIVERSITY

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2016

SUBJECT: GENERAL MEDICINE
(2011 BATCH)

Friday, June 03, 2016

Time: 10:00-13:00 Hrs.

Max. Marks: 80

1. **Answer any THREE of the following:**

- 1A. Discuss the etiopathogenesis, clinical features, investigations and management of rheumatic heart disease.
- 1B. Discuss the etiopathogenesis, clinical features, complications, investigation and management of diabetes mellitus.
- 1C. Discuss the etiopathogenesis, clinical features, complications, investigations and management of pulmonary tuberculosis.
- 1D. Discuss the causes, clinical features, complications and management of chronic renal failure.

(15 marks × 3 = 45 marks)

2. **Write short notes on:**

- 2A. Cardiac arrest
- 2B. Hemophilia A
- 2C. Protein energy malnutrition
- 2D. Management of hypertension
- 2E. Acute respiratory distress syndrome
- 2F. Herpes simplex virus infection
- 2G. Thrombocytopenia

(5 marks × 7 = 35 marks)



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MANIPAL UNIVERSITY

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2016

SUBJECT: GENERAL SURGERY
(2011 BATCH)

Monday, June 06, 2016

Time: 10:00-13:00 Hrs.

Max. Marks: 80

1. **Answer ALL questions:**

- 1A. Classify burns. Discuss pathophysiological changes and management of a patient of 3rd degree burns.
- 1B. Classify wounds. Discuss the stages of wound healing.
- 1C. Anatomy and treatment of Inguinal canal.
- 1D. Definition and types of flaps. Describe Pectoralis Major Myo-Cutaneous (PMMC) Flap.
- 1E. Discuss the Surgical anatomy of breast and add a note on modified radical mastectomy.

(10 marks × 5 = 50 marks)

2. **Short Answers:**

- 2A. Indications for bronchoscopy and its complications
- 2B. Keloid
- 2C. Pulmonary resections
- 2D. Management of sacral bedsore
- 2E. Tetralogy of Fallot
- 2F. Vestibular disorders

(5 marks × 6 = 30 marks)



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MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2016
SUBJECT: OCCUPATIONAL THERAPY PRACTICE ISSUES
(2011 BATCH)

Wednesday, June 08, 2016

Time: 10:00-11:30 Hrs.

Max. Marks: 40

✍ **Answer ALL questions.**

✍ **Long Questions:**

1. Explain the need for being culturally sensitive in occupational therapy practice and strategies to facilitate the same.

(5+5 = 10 marks)

2. Describe the reasoning and reflection skills used in occupational therapy practice with examples.

(5+5 = 10 marks)

3. **Short Notes:**

3A. Power issues in client-centered practice

3B. Issues related to uninsured people

3C. Steps in Problem Based Learning

3D. Pragmatic reasoning

(5 marks × 4 = 20 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2016****SUBJECT: PSYCHIATRY AND CLINICAL PSYCHOLOGY
(2011 BATCH)**

Friday, June 10, 2016

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL questions:****SECTION – A (CLINICAL PSYCHOLOGY)****1. Write essay on:**

- 1A. Discuss any four techniques of behavior therapy.
- 1B. Delineate cognitive and socio-cultural models of mental disorders.

(10 marks × 2 = 20 marks)

2. Write short notes on the following:

- 2A. Observation method along with merits and demerits
- 2B. Stress and Coping
- 2C. Assessment of disability
- 2D. Cognitive Behavioral counselling

(5 marks × 4 = 20 marks)

SECTION – B (CLINICAL PSYCHIATRY)**3. Write essay on:**

- 3A. Somatization disorder- nosology, clinical features and management.
- 3B. Discuss the Vocational Rehabilitation for person with Schizophrenia.

(10 marks × 2 = 20 marks)

4. Write short notes on:

- 4A. Delirium
- 4B. Dementia
- 4C. Mental retardation
- 4D. PTSD

(5 marks × 4 = 20 marks)



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MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2016
SUBJECT: PSYCHIATRY AND CLINICAL PSYCHOLOGY
(2010 BATCH)

Friday, June 10, 2016

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer ALL questions:

1. Discuss the etiology and clinical features of Mood disorders. (20 marks)

2. Define intelligence and explain various intelligence assessments. (20 marks)

3. **Write an essay on the following:**
 - 3A. Psychodynamic psychotherapy
 - 3B. Nature, goals and types of counselling(10 marks × 2 = 20 marks)

4. **Write short notes on the following:**
 - 4A. Electro Convulsive Therapy (ECT)
 - 4B. Mental Retardation
 - 4C. ICD- 10
 - 4D. Psychosocial rehabilitation(5 marks × 4 = 20 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2016****SUBJECT: OCCUPATIONAL THERAPY IN PEDIATRICS AND DEVELOPMENTAL DISABILITIES
(2011 SCHEME)**

Monday, June 13, 2016

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Define visual perception. Explain the intervention strategies for preschool and elementary school children with visual perceptual disorders.

(3+5+12 = 20 marks)

2. Explain the general motor problems that affect hand skills and the evaluation of hand skills in children.

(10+10 = 20 marks)

3. **Write short notes on:**

3A. Classify seizure disorder and explain the occupational therapy management for the same.

(10 marks)

3B. Write a note on flexor withdrawal and extensor thrust.

(5+5 = 10 marks)

3C. Describe the parameters to be assessed in neonatal intensive care unit.

(10 marks)

3D. Explain the four types of play assessment.

(10 marks)



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MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2016
SUBJECT: OCCUPATIONAL THERAPY IN MENTAL HEALTH
(2011 BATCH)

Wednesday, June 15, 2016

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL questions.**

✍ **Long Essays:**

1. Explain the role of a leader in an activity group with emphasis on effective behaviours of a leader.
(5+15 = 20 marks)

2. Describe the habituation subsystem of Model of Human Occupation (MOHO) and explain intervention principles of MOHO that address deficits in the habituation subsystem.
(4+16 = 20 marks)

3. **Write short notes on:**
 - 3A. Explain the terms occupational injustice, occupational imbalance, occupational apartheid and occupational deprivation.
(2½ marks × 4 = 10 marks)
 - 3B. Explain any four major occupational therapy goals for clients with Residual schizophrenia.
(10 marks)
 - 3C. Use of self- regulation in social skills training.
(10 marks)
 - 3D. Explain A-B-C theory with examples.
(10 marks)



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MANIPAL UNIVERSITY

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2016

SUBJECT: OCCUPATIONAL THERAPY IN COMMUNITY PRACTICE
(2011 BATCH)

Friday, June 17, 2016

Time: 10:00-11:30 Hrs.

Max. Marks: 40

✍ **Answer ALL questions.**

✍ **Long Essays:**

1. Explain with flowchart the paradigm shift in occupational therapy. (10 marks)
2. Explain the Occupational Adaptation model in relation to community based practice. (10 marks)

3. **Short Notes:**

- 3A. Occupational therapy practitioner's role as case manager
- 3B. Differentiate between public health and medicine
- 3C. Concept of 'health and wellbeing'
- 3D. Participation by disabled people in CBR programs

(5 marks × 4 = 20 marks)

