

MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2017
SUBJECT: GENERAL MEDICINE
(2011 SCHEME)

Saturday, June 03, 2017

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer any THREE of the following:**

- 1A. Discuss the causes, clinical features, investigations and management of pleural effusion.
- 1B. Discuss the causes, clinical features, complications, investigation and management of ischemic heart disease.
- 1C. Discuss the causes, clinical features, complications and management of chronic renal failure.
- 1D. Discuss the etiology, clinical features and management of iron deficiency anemia.

(15 marks × 3 = 45 marks)

2. **Write short notes on:**

- 2A. Hemophilia A
- 2B. Hypothyroidism
- 2C. Cardiac arrest
- 2D. Management of hypertension
- 2E. Complications of diabetes mellitus
- 2F. Herpes simplex infection
- 2G. Complications of obesity

(5 marks × 7 = 35 marks)



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MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2017
SUBJECT: GENERAL SURGERY
(2011 SCHEME)

Tuesday, June 06, 2017

Time: 10:00-13:00 Hrs.

Max. Marks: 80

Answer ALL questions:

- 1A. What are the causes of hyperkalemia? Discuss the ECG changes and management of hyperkalemia.
- 1B. Enumerate different types of burns. Discuss about electrolyte imbalance in a case of burns and immediate resuscitation.
- 1C. Enumerate different crystalloid and colloids. Discuss about indications for crystalloids.
- 1D. Enumerate various types of abdominal incisions. Discuss complication of upper abdominal incisions.
- 1E. Classify blood groups. Discuss complications of blood transfusion.

(10 marks × 5 = 50 marks)

2. Short answers:

- 2A. Tracheostomy
- 2B. Lung abscess
- 2C. Pulmonary tuberculosis and indications for surgery
- 2D. Operations for carcinoma breast
- 2E. Types of skin grafting. Write difference between split skin graft and full thickness skin graft.
- 2F. Colostomy care

(5 marks × 6 = 30 marks)



MANIPAL UNIVERSITY

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2017

SUBJECT: OCCUPATIONAL THERAPY PRACTICE ISSUES (2011 SCHEME)

Thursday, June 08, 2017

Time: 10:00-11:30 Hrs.

Max. Marks: 40

 Answer ALL the questions.

1. Explain professional reasoning and describe any three aspects of it with examples.
($2\frac{1}{2}+7\frac{1}{2} = 10$ marks)
2. Differentiate between continuing competence and continuing competency. Explain the Triangular model of Continuing Competency and Competence with suitable illustration.
($3+7 = 10$ marks)
3. **Short notes:**
 - 3A. Team interaction models in occupational therapy practice
 - 3B. Structure of an interview
 - 3C. All India Occupational Therapists' Association (AIOTA)
 - 3D. Levels of professional context($5 \text{ marks} \times 4 = 20$ marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2017****SUBJECT: PSYCHIATRY AND CLINICAL PSYCHOLOGY
(2011 SCHEME)**

Saturday, June 10, 2017

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL questions**

SECTION – A (CLINICAL PSYCHOLOGY)**1. Write Essay on:**

- 1A. Define Counseling. Explain any three models of Counselling.
1B. Enumerate the classification of mental disorders according to ICD 10.

(10 marks × 2 = 20 marks)

2. Write short notes on the following:

- 2A. Crisis reaction
2B. Case history taking
2C. Family therapy
2D. Concepts of Normality

(5 marks × 4 = 20 marks)

SECTION – B (CLINICAL PSYCHIATRY)

✍ **Essay:**

- 3A. Describe the Risk assessment in attempted Suicide and its non-pharmacological management.
3B. List etiological factors for ADHD. How will you manage a child with moderate levels of ADHD?

(10 marks × 2 = 20 marks)

4. Short notes:

- 4A. Psychiatric emergencies
4B. Negative symptoms in schizophrenia
4C. Generalized Anxiety Disorder
4D. Emile Durkheim's classification of suicide

(5 marks × 4 = 20 marks)



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MANIPAL UNIVERSITY

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2017

SUBJECT: OCCUPATIONAL THERAPY IN PEDIATRICS AND DEVELOPMENTAL DISABILITIES
(2011 SCHEME)

Tuesday, June 13, 2017

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. Describe the domains of handwriting. Explain the Neurodevelopmental and Biomechanical Frame of Reference based intervention for handwriting.
(4+8+8 = 20 marks)
2. Enumerate the developmental pattern of biting and chewing. Explain the evaluation and intervention for a child with sensory impairments in feeding.
(4+8+8 = 20 marks)
3. **Short notes:**
 - 3A. Discuss the role of adaptive devices in muscular dystrophy.
(10 marks)
 - 3B. Explain any five innate primary reflexes.
(10 marks)
 - 3C. Describe the Orton-Gillingham's multisensory approach for reading disabilities.
(10 marks)
 - 3D. Explain the neurologic, urologic and orthopedic concerns in spina bifida.
(3+3+4 = 10 marks)



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MANIPAL UNIVERSITY

FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2017

SUBJECT: OCCUPATIONAL THERAPY IN MENTAL HEALTH
(2011 SCHEME)

Thursday, June 15, 2017

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions:**

1. Discuss the impairments seen in clients with catatonic schizophrenia. Identify suitable frames of references and explain occupational therapy interventions for the same.

(5+3+12 = 20 marks)

2. Describe any six stress management techniques. Explain the use of activities in stress management with suitable examples.

(12+8 = 20 marks)

3. **Short notes:**

3A. Explain any five safety techniques to be followed by a therapist working in mental health

3B. Components of a 'Developmental profile' for a client

3C. Observation as a method of assessment

3D. Explain styles of occupational therapy leadership in groups

(10 marks × 4 = 40 marks)



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FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2017

**SUBJECT: OCCUPATIONAL THERAPY IN COMMUNITY PRACTICE
(2011 SCHEME)**

Saturday, June 17, 2017

Time: 10:00-11:30 Hrs.

Max. Marks: 40

Answer ALL the questions.

1. Explain Social Learning Theory. (10 marks)
2. Describe community based practice arena of early intervention program. (10 marks)
3. **Short notes:**
 - 3A. Environment referenced legislation.
 - 3B. 'Program implementation phase' in program development for community health.
 - 3C. Paradigm shift in vocational rehabilitation.
 - 3D. Define community health.(5 marks × 4 = 20 marks)

