



**MANIPAL UNIVERSITY****FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2007****SUBJECT: GENERAL SURGERY**

Friday, June 15, 2007

Time: 3 Hrs.

Max. Marks: 80

**Answer ALL questions.**

1. Long questions:

1A. Discuss the etiology, clinical features and the management of coronary artery diseases.

(10 marks)

1B. Discuss the Physiology of menstruation.

(10 marks)

1C. Discuss the complications and management of burns.

(5+5 = 10 marks)

1D. Briefly describe the types of shock and management of hypovolemic shock.

(5+5 = 10 marks)

1E. Discuss causes, clinical features and management of Inguinal hernia.

(10 marks)

2. Write Short notes of the following:

2A. Types of Hemorrhage.

2B. Types of Prostatetectomy.

2C. Clinical features of Cholecystitis.

2D. Peptic ulcer management.

2E. Prenatal investigations.

2F. Lung abscess.

(5×6 = 30 marks)



**MANIPAL UNIVERSITY****FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2007****SUBJECT: SOCIAL AND PREVENTIVE MEDICINE AND SOCIOLOGY**

Saturday, June 16, 2007

Time: 3 Hrs.

Max. Marks: 80

- ✍ Answer SECTION – ‘A’ and SECTION – ‘B’ in separate answer books.  
✍ Answer ALL the questions.

**SECTION – A: SOCIAL AND PREVENTIVE MEDICINE: 40 MARKS**

1. Define health as per World Health Organization definition. Explain natural history of disease with a suitable example and a diagram. Discuss the influence of socio economic and cultural factors on health.

(1+5+4 = 10 marks)

2. Write short notes on:
- 2A. Nutrition during pregnancy.  
2B. Physical disabilities in children.  
2C. Juvenile delinquency.  
2D. Health problems of the aged.  
2E. Community based rehabilitation.  
2F. Spacing method of family planning.

(5×6 = 30 marks)

**SECTION – B: SOCIOLOGY: 40 MARKS**

- 3A. Explain how life-style, culture and social support network influence health, illness and recovery.  
3B. Describe the role of socialization as a determinant of health and illness behavior.  
3C. Describe the impact of changes in functions of family on human health.

(10×3 = 30 marks)

Write short notes on the following:

4. List the consequences and remedies for the following:
- 4A. Juvenile delinquency.  
4B. Poverty.

(5×2 = 10 marks)



**MANIPAL UNIVERSITY****FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2007****SUBJECT: CLINICAL PSYCHIATRY AND CLINICAL PSYCHOLOGY**

Monday, June 18, 2007

Time: 3 Hrs.

Max. Marks: 80

**✍ Answer ALL the questions.**

1. What is Stress? Discuss various sources as well as effects of Stress.

(20 marks)

2. Mention different models of mental disorders. Elaborate any two models.

(20 marks)

3. Write an essay on the following:

3A. Current systems of classification of psychiatric disorders.

3B. Methods used in clinical psychology.

(10+10 = 20 marks)

4. Write short notes on the following:

4A. Psychosomatic disorders.

4B. Types of Coping with Stress.

4C. Organic mental disorders.

4D. Client – Centered therapy.

(5×4 = 20 marks)





**MANIPAL UNIVERSITY****FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2007****SUBJECT: OCCUPATIONAL THERAPY IN PAEDIATRICS AND DEVELOPMENTAL DISABILITIES**

Tuesday, June 19, 2007

Time: 3 Hrs.

Max. Marks: 80

**✍ Answer ALL the questions.**

1. Explain the principles of postulates regarding change for NDT frame of reference. Explain the role of Reflex inhibiting patterns within the context of NDT frame of reference.  
(8+7 = 15 marks)
2. Explain the etiology and clinical features of autism. Explain any one clinical feature from the sensory integrative perspective and the management of the same.  
(5+5+5 = 15 marks)
3. Explain the influence of Sensorimotor components on handwriting. Describe behavioral and acquisitional principles in the remediation of handwriting difficulties.  
(5+5+5 = 15 marks)
4. Define high risk infants. Explain the signs of stress with high risk infants. Describe the guidelines for intervention with high risk infants.  
(2+5+8 = 15 marks)
5. Short notes:
  - 5A. Criterion referenced test.
  - 5B. Identity versus role dysfunction.
  - 5C. Sensory modulation disorder.
  - 5D. Adaptive equipments used for children with feeding difficulties.(5×4 = 20 marks)



**MANIPAL UNIVERSITY**  
**FOURTH YEAR B.O.T. DEGREE EXAMINATION – JUNE 2007**  
**SUBJECT: OCCUPATIONAL THERAPY IN MENTAL HEALTH**

Wednesday, June 20, 2007

Time: 3 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. A 25 years old typist is diagnosed to have bipolar affective disorder, currently in Mania. Explain the occupational therapy goals and management for him.  

(15 marks)
2. A 30 years old bank employee is diagnosed to have generalized anxiety disorder. List out the goals and plan a treatment program using cognitive behavioral FOR.  

(15 marks)
3. Explain in detail developmental frames of reference.  

(15 marks)
4. A 30 years old poojary is diagnosed with obsessions with sexual thoughts. Explain the occupational therapy goals and plan a therapy program for him.  

(15 marks)
5. Write short notes on the following:
  - 5A. Endogenous and exogenous depression.
  - 5B. Motor behavior abnormalities.
  - 5C. Volitional subsystem.
  - 5D. Assertiveness training.

(5×4 = 20 marks)

