

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

Wednesday, December 10, 2008

Time: 10.00-13.00 Hrs.

Max. Marks: 80

**PART – I**

✍ **Answer any THREE questions in this part.**

1. Define diabetes mellitus. Discuss diagnosis, Classification and complications of Diabetes mellitus.
2. Define Heart failure. Discuss aetiology, Clinical features and Management of Heart failure.
3. What is typhoid fever? Discuss Clinical features, Complication and Management of typhoid fever.
4. What is chronic renal failure? Discuss aetiopathogenesis complications, Clinical features and management of CRF.

(15×3 = 45 marks)

**PART – II**

✍ **Answer ALL questions in this part.**

5. Write short notes on:
- 5A. Organophosphorous poisoning.
  - 5B. Pleural effusion.
  - 5C. Hemophilia.
  - 5D. Hyperthyroidism.
  - 5E. Haemolytic Anaemia.
  - 5F. Acute viral Hepatitis.

(5×6 = 30 marks)

**PART – III**

6. Write short notes on Trophic Ulcer.

(5 marks)



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

Thursday, December 11, 2008

Time: 10.00-13.00 Hrs.

Max. Marks: 80

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

- 1A. Enumerate indications for blood transfusion. Describe grouping and cross-matching. Add a note on blood fractions used for transfusion. List a few complications of blood transfusion.
- 1B. Define and classify wounds. Discuss the process of wound healing. Describe the phases of scar formation and add a note on ideal scar.
- 1C. Define shock. Discuss various types of shock. Describe clinical monitoring and treatment of shock.
- 1D. Describe the anatomy and aetiopathogenesis of coronary artery disease. Discuss the management of coronary artery disease.
- 1E. Describe indications and types of tracheostomy. Discuss post-operative care and complications of tracheostomy.

(10×5 = 50 marks)

**2. Short questions:**

- 2A. Describe types of abdominal incisions.
- 2B. Give a few examples of adverse scars. Compare Hypertrophic and Keloid scars.
- 2C. Discuss Hyperkalaemia.
- 2D. Discuss surgical management of inguinal hernia.
- 2E. Describe surgical management of BPH and its post-operative complications.
- 2F. Describe types of flaps in plastic surgery.

(5×6 = 30 marks)



# MANIPAL UNIVERSITY

**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2008**

**SUBJECT: SOCIAL & PREVENTIVE COMMUNITY MEDICINE & SOCIOLOGY  
(NEW REGULATION)**

Friday, December 12, 2008

Time: 10.00-13.00 Hours

Maximum Marks: 80

✍ **Answer SECTION 'A' and SECTION 'B' in TWO separate answer books.**

**SECTION 'A': SOCIAL & PREVENTIVE COMMUNITY MEDICINE – 40 MARKS**

- 1A. Classify immunizing agents with examples.
- 1B. Enumerate the National immunization Schedule.

(5+5 = 10 marks)

2. Write short notes on:

- 2A. Epidemiology of Poliomyelitis.
- 2B. Objectives of antenatal care.
- 2C. Prevention of obesity.
- 2D. Levels of disease prevention with examples.
- 2E. ESI Act.
- 2F. Universal work precautions.

(5×6 = 30 marks)

**SECTION 'B': SOCIOLOGY – 40 MARKS**

✍ **Answer ALL questions.**

3. Explain the features of caste system and its trends.

(6+4 = 10 marks)

4. Define socialization. Discuss the role of socialization in the rehabilitation of patients.

(2+8 = 10 marks)

5. What is culture? What is the impact of culture on human behavior?

(2+8 = 10 marks)

6. Write short notes on the following:

- 6A. Prevention of Juvenile Delinquency.
- 6B. Meaning of sub-culture with examples.

(5+5 = 10 marks)



**MANIPAL UNIVERSITY**  
**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2008**  
**SUBJECT: PSYCHIATRY AND CLINICAL PSYCHOLOGY**

Saturday, December 13, 2008

Time: 10.00-13.00 Hrs.

Max. Marks: 80

**✍ Answer all questions.**

1. Discuss various emotional disorders of childhood and their major therapeutic approaches.  
(20 marks)
  
2. What is crisis reaction? Discuss the ways of managing crisis reaction.  
(20 marks)
  
3. Write an essay on the following:
  - 3A. Different perspectives of Normality and Abnormality.
  - 3B. Family and Marital Therapy.(10+10 = 20 marks)
  
4. Write short notes on the following:
  - 4A. Epilepsy.
  - 4B. Psychosomatic disorders.
  - 4C. Assessment of Personality.
  - 4D. Scope of Clinical Psychology.(5×4 = 20 marks)



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## MANIPAL UNIVERSITY

### FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2008

SUBJECT: OCCUPATIONAL THERAPY IN PAEDIATRICS AND DEVELOPMENTAL DISABILITIES

Monday, December 15, 2008

Time: 10.00-13.00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. Explain the occupational Therapy assessment procedures and management for a child with anxiety disorders.  
(5+10 = 15 marks)
2. Define high risk infants. Discuss any five medical complications of high risk infants. Write down neonatal intensive care unit environment.  
(2+5+8 = 15 marks)
3. Write Bundy's definition of play. Discuss the different criteria which was proposed by Bundy to explain the definition of play.  
(3+12 = 15 marks)
4. What are the components of receptive visual perceptual skills? Explain the implications of these disorders on the performance of play, self care and school performance of a child.  
(6+4+5 = 15 marks)
5. **Short notes:**
  - 5A. Reflex inhibiting patterns.
  - 5B. List down dysfunction seen in Hand during "Voluntary release".
  - 5C. Write about the measurement and significance of lap board.
  - 5D. Describe the process of goal setting in children with developmental disabilities.  
(5×4 = 20 marks)



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

Tuesday, December 16, 2008

Time: 10.00-13.00 Hrs.

Max. Marks: 80

**Answer ALL the questions.**

1. Explain the human open system of MOHO. Describe the role of habituation subsystem and treatment principles for the same.  

(5+5+5 = 15 marks)
2. List various types of epilepsy. Discuss the occupational therapy management for a ten years old boy with tonic clonic seizures.  

(5+10 = 15 marks)
3. Define alcoholism. Peter a 40 years old engineer is diagnosed with alcohol dependency. List the occupational therapy goals and management for the client.  

(3+12 = 15 marks)
4. Define anxiety neurosis. List the clinical features of generalized anxiety disorder. Explain how cognitive behavioral therapy can be used in occupational therapy management.  

(2+3+10 = 15 marks)
5. **Write short notes on the following:**
  - 5A. Objectives of creative therapy.
  - 5B. Good and Poor prognostic factors of schizophrenia.
  - 5C. Body dysmorphic disorder.
  - 5D. Psychosurgery.

(5×4 = 20 marks)

