

**MANIPAL UNIVERSITY**  
**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2007**

**SUBJECT: GENERAL MEDICINE**

Monday, December 10, 2007

Time: 3 Hrs.

Max. Marks: 80

**PART – I**

1. Attempt any **THREE** of the following:
  - 1A. Life cycle, clinical features, complications, investigations and treatment of Malaria.
  - 1B. Importance of Universal precautions, control of infections.
  - 1C. General principles of poisoning management.
  - 1D. Essay on Environmental and Occupational diseases.

(15×3 = 45 marks)

**PART – II**

2. Write short notes on:
  - 2A. Urinary tract infection.
  - 2B. Anaemia.
  - 2C. Advanced cardiac life support.
  - 2D. Nephrotic Syndrome.
  - 2E. Pleural effusion.
  - 2F. Diabetes mellitus.

(5×6 = 30 marks)

**PART – III**

3. Write short notes on Pigmentary Anomalies of the skin.

(5 marks)



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**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2007**  
**SUBJECT: GENERAL SURGERY**

Tuesday, December 11, 2007

Time: 3 Hrs.

Max. Marks: 80

✍ **Answer ALL questions.**

1. Long questions

(10×5 = 50 marks)

- 1A. Discuss the etiology, clinical features and management of complete Rectal Prolapse.
- 1B. Briefly describe the types of hernia and management of femoral hernia.
- 1C. Discuss the Indications, types and complications of Prostatectomy.
- 1D. Discuss in detail about early and late complications of burns.
- 1E. Discuss the types, clinical features and management of Carcinoma lung.

2. Write Short notes of the following

(5×6 = 30 marks)

- 2A. Menopause.
- 2B. Prenatal management.
- 2C. Bronchiectasis.
- 2D. Urogenital dysfunction.
- 2E. Calculous Cholecystitis.
- 2F. Hemorrhage.



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

Wednesday, December 12, 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. What is ergonomics? Write in detail about the ergonomic evaluation for a 45 years old wood industry worker suffering from chronic backache since 5 years. (2+8 = 10 Marks)
2. Write short notes on (5×6 = 30 Marks)
- 2A. Role of physiotherapy in institution for aged.  
2B. Food hygiene.  
2C. Define Epidemiology and mention its scope.  
2D. Mention advantages and disadvantages of any Intra-uterine Contraceptive Device.  
2E. Disability due to congenital malformation?  
2F. Medical rehabilitation.

**SECTION – B: SOCIOLOGY: 40 MARKS**

3. Define sociology. Explain its importance in physiotherapy or in occupational therapy. (10 marks)
4. Define 'culture'. Bring out its importance in health and disease. (10 marks)
5. What is a family? Explain the role of family in human health. (10 marks)
6. Write short note on the following
- 6A. Socialization  
6B. Social security measures

(5×2 = 10 marks)



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

Thursday, December 13, 2007

Time: 3 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. What is stress? Discuss various types of stress and their effects on illness.  
(20 marks)
  
2. Discuss the scope of psychological assessment in the management of mental disorders.  
(20 marks)
  
3. Write an essay on the following:
  - 3A. Dementia.
  - 3B. Case history method.(10+10 = 20 marks)
  
4. Write short notes on the following:
  - 4A. Substance use disorders.
  - 4B. Neurotic disorders.
  - 4C. Classification of Mental Disorders.
  - 4D. Biological models of Mental Disorders.(5×4 = 20 marks)



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

Friday, December 14, 2007

Time: 3 Hrs.

Max. Marks: 80

**Answer ALL the questions.**

1. What are the different general issues that may help narrow the focus of Occupational Therapy services for treatment of children with mental retardation? Discuss the different strategies to encourage participation of children with mental retardation in activities.  
(7+8 = 15 marks)
2. What are the pre-writing skills? Explain the influence of Sensorimotor components on handwriting. Describe the neuro-developmental principles in the remediation of handwriting difficulties.  
(15 marks)
3. Describe the topographical classification of cerebral palsy. Explain the type of deformities observed at wrist and hand for children with cerebral palsy and their management principles.  
(5+5+5 = 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 for a child.  
(6+4+5 = 15 marks)
5. Short notes:
  - 5A. Types of assessment in childhood psychiatry.
  - 5B. Discuss the function/Dysfunction continua for trunk control from Biomechanical frame of reference.
  - 5C. Discuss "Suspension of reality" as proposal by Bundy to define play.
  - 5D. Describe different kinds of team in pediatrics rehabilitation.  
(5×4 = 20 marks)



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

Saturday, December 15, 2007

Time: 3 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. Explain the various methods of assessment in occupational therapy psychiatry. Describe observation as a method of assessment.  

(10+5 = 15 marks)
2. A 40 years old engineer is diagnosed with alcohol dependence. Identify problems based on Reed and Sanderson model and plan treatment program for him.  

(15 marks)
3. Enlist the etiology of epilepsy. Plan out the occupational therapy goals and management for a 15 year old boy diagnosed with absences epilepsy.  

(3+12 = 15 marks)
4. Explain the psychodynamics of conversion. Discuss the occupational therapy intervention for a 20 years old female suffering from hysteria using psychoanalytic approach.  

(5+10 = 15 marks)
5. Write short notes on the following:
  - 5A. Good and poor prognostic factors of schizophrenia.
  - 5B. Cognitive triad of depression.
  - 5C. Erikson's stages of personality development.
  - 5D. Flooding.

(5×4 = 20 marks)

