

MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2010
SUBJECT: PSYCHIATRY AND CLINICAL PSYCHOLOGY

Monday, December 13, 2010

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer all questions:**

1. Define stress. Explain the effects of stress on physical and mental health.
(20 marks)

2. Describe psychosocial etiology of mental disorders.
(20 marks)

3. **Write an essay on the following:**
 - 3A. Bipolar Affective Disorder.
 - 3B. Substance abuse disorders.(10×2 = 20 marks)

4. **Write short notes on the following:**
 - 4A. Counseling; nature and goals.
 - 4B. Aversion therapy.
 - 4C. Psychosocial rehabilitation.
 - 4D. Cognitive therapy.(5×4 = 20 marks)



MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2010
SUBJECT: GENERAL MEDICINE

Wednesday, December 15, 2010

Time: 10:00-13:00 Hrs.

Max. Marks: 80

PART – I

1. Answer any THREE of the following.

- 1A. Discuss Clinical features, complications and management of Acute Myocardial Infarction.
- 1B. General principle of poisoning management. How do you manage a case of organophosphorous poisoning?
- 1C. Discuss clinical features, modes of spread, complications and Typhoid fever.
- 1D. Define Asthma. Discuss clinical features and investigations of acute severe Asthma.

(15×3 = 45 marks)

PART – II

2. Write short notes on:

- 2A. Leptospirosis
- 2B. Advanced cardiac life support.
- 2C. Pneumonia.
- 2D. Cushing's Syndrome.
- 2E. Needle stick injury.
- 2F. Thiamine deficiency.

(5×6 = 30 marks)

PART – III

3. Short notes:

Diabetic foot ulcer.

(5 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2010****SUBJECT: GENERAL SURGERY**

Friday, December 17, 2010

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer all questions.**1. Long questions.**

- 1A. What are the clinical features of cholecystitis? Discuss surgical treatment and post-operative complications of cholecystitis.
- 1B. Elaborate on aetiology and clinical features of peptic ulceration. Discuss management of peptic ulcers with a note on eradication therapy.
- 1C. Discuss types and clinical features of prolapse rectum. Describe management of prolapse rectum.
- 1D. Discuss the aetiology, clinical features and management of pneumothorax. Add a note on care of intercostal drainage tube.
- 1E. Define and classify wounds. Discuss the process of wound healing. Describe the phases of scar formation and add a note on ideal scar.

(10×5 = 50 marks)

2. Short questions:

- 2A. Discuss water intoxication.
- 2B. Describe types of abdominal incisions.
- 2C. Discuss Stomas. Add a note on complications of stomas.
- 2D. Discuss tracheostomy care.
- 2E. Discuss anatomy of eye and visual pathway.
- 2F. Discuss management of carcinoma oesophagus.

(5×6 = 30 marks)



MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2010
SUBJECT: SOCIAL AND PREVENTIVE MEDICINE AND SOCIOLOGY
Monday, December 20, 2010

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer SECTION – ‘A’ and SECTION – ‘B’ in separate answer books.

SECTION – A: SOCIAL AND PREVENTIVE MEDICINE: 40 MARKS

- 1A. What is balanced diet?
1B. What are the guidelines regarding planning of balanced diet?
1C. Discuss the prevention of Iodine deficiency disorders.

(2+3+5 = 10 marks)

2. Write short notes on:

- 2A. Causes of blindness.
2B. Complications of post natal period.
2C. Levels of disease prevention.
2D. Chain of disease transmission.
2E. Scope of rehabilitation in leprosy.
2F. Silicosis.

(5×6 = 30 marks)

SECTION ‘B’: SOCIOLOGY : 40 MARKS

3. Define sociology. Explain the need for studying sociology. (2+8 = 10 marks)
4. What is family? Explain the influence of family on human personality. (2+8 = 10 marks)
5. What is social change? What are the consequences of social change on human health? (2+8 = 10 marks)
- 6. Write short notes on the following:**
- 6A. Explain the process of socialization.
6B. What is social deseiance? Mention the types.

(5+(3+2) = 10 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2010****SUBJECT: OCCUPATIONAL THERAPY IN PAEDIATRICS AND DEVELOPMENTAL DISABILITIES**

Wednesday, December 22, 2010

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

1. Define autism; analyze the problem areas and management for the same using Sensory Integration FOR.
(2+7+6 = 15 marks)
 2. Describe the possible problems in head control in spastic quadriplegic Cerebral palsy child; also discuss the application of NDT to facilitate the same.
(7+8 = 15 marks)
 3. Compare and contrast the anatomic structures of feeding in infants and adult. Explain the stages of swallowing. Give any two examples of motor issues for feeding difficulty and the treatment for the same.
(5+5+5 = 15 marks)
 4. Emotional disorders in children as explained by psychoanalytic theories.
(15 marks)
- 5. Short Notes:**
- 5A. Changes in the erect standing posture in children with muscular dystrophy.
 - 5B. Discuss the Measurement and uses of Wedge.
 - 5C. Social enactment skills.
 - 5D. Explain the function dysfunction continua of Bio Mechanical FOR.
(5×4 = 20 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2010****SUBJECT: OCCUPATIONAL THERAPY IN MENTAL HEALTH**

Friday, December 24, 2010

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

1. What are the different kinds of anxiety? Define Generalized Anxiety Disorder using DSM IV criteria. Discuss the Occupational Therapy management based on Cognitive Behavioral frame of reference for a 40 year old sales representative diagnosed as generalized anxiety disorder.
(5+2+8 = 15 marks)
2. What is the importance of Non verbal communication? Describe the various forms of Non verbal communication with appropriate examples.
(3+12 = 15 marks)
3. Describe in detail the 'legitimate tools' of Occupational Therapy as described by Mosey.
(15 marks)
4. Describe the negative symptoms of Schizophrenia. Discuss in detail the Occupational Therapy management of a 45-yr old male professor diagnosed as Paranoid schizophrenia.
(3+12 = 15 marks)

5. Short Notes:

- 5A. Egocentric co-operative group.
- 5B. Effects of Institutionalisation.
- 5C. Functions of Initial assessment.
- 5D. Projective techniques as an assessment tool.

(5×4 = 20 marks)

