

MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – MAY/JUNE 2012

SUBJECT: GENERAL MEDICINE

Monday, May 28, 2012

Time: 10:00-13:00 Hrs.

Max. Marks: 80

1. Answer any THREE of the following:

1A. What is HIV and AIDS? Discuss the opportunistic infections in HIV infections. Write about anti-retroviral drugs.

(2+10+3 = 15 marks)

1B. Write about the classification and etiopathogenesis of diabetes mellitus. What are the microvascular and macrovascular complications of diabetes mellitus? Write about hyperosmolar non ketotic coma and diabetic ketoacidosis.

(10+5 = 15 marks)

1C. Discuss the etiology, clinical features and management of Cushings syndrome.

(15 marks)

1D. What is hemoptysis? Write four causes of hemoptysis. Write the etiology, clinical features and management of broncheictasis.

(3+12 = 15 marks)

2. Answer ALL the following questions:

2A. H1N1 infection

2B. Acute myocardial infarction

2C. Iron Deficiency anemia

2D. Chronic renal failure

2E. Peptic ulcer disease

2F. Enteric fever

(5×6 = 30 marks)

3. Write short notes on:

Scabies

(5 marks)



MANIPAL UNIVERSITY
FOURTH YEAR B.O.T. DEGREE EXAMINATION – MAY/JUNE 2012
SUBJECT: GENERAL SURGERY

Wednesday, May 30, 2012

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL questions.**

1. Long questions.

- 1A. Discuss types and clinical features of prolapse rectum. Describe management of prolapse rectum.
- 1B. Define and classify hernia. Discuss surgical management of inguinal hernia.
- 1C. Describe clinical features of carcinoma breast. Discuss surgical management and complications of carcinoma breast.
- 1D. Discuss the anatomy of lungs and pleura. Discuss the indications, types, complications and post-operative care of pulmonary resections.
- 1E. What is surgical stress response? Describe pathways of activation of stress response. Enumerate the metabolic sequelae of stress response. What are the features of Systemic Inflammatory Response Syndrome (SIRS)?

(10×5 = 50 marks)

2. Short questions.

- 2A. Discuss blood fractions used for transfusion.
- 2B. Discuss management of anal incontinence.
- 2C. Discuss management and complications of burns.
- 2D. Describe types of skin grafts.
- 2E. Write a short note on otitis media.
- 2F. Discuss testing of visual field and refraction.

(5×6 = 30 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – MAY/JUNE 2012****SUBJECT: SOCIAL AND PREVENTIVE MEDICINE AND SOCIOLOGY**

Friday, June 01, 2012

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer all the questions.**✍ Answer SECTION – ‘A’ and SECTION – ‘B’ in separate answer books.****SECTION – A: SOCIAL AND PREVENTIVE MEDICINE: 40 MARKS**

- 1A. Enumerate nutritional deficiency disorders.
1B. Discuss the epidemiology and prevention of any one of them.

(5+5 = 10 marks)

2. Write short note on:

- 2A. Disability prevention in leprosy patient.
2B. Objectives of post natal care.
2C. Community based rehabilitation of stroke patient.
2D. Determinants of health.
2E. Disinfection.
2F. Uses of epidemiology.

(5×6 = 30 marks)

SECTION ‘B’: SOCIOLOGY : 40 MARKS

3. Define social change. Explain the positive and negative effects of social change on health.

(2+8 = 10 marks)

4. Discuss the changes in the functions of modern family and its influences on health.

(6+4 = 10 marks)

5. What is culture? How does the knowledge of culture help full in the care of patients?

(2+8 = 10 marks)

6. Short Answers:

- 6A. Need for socialization in hospital.
6B. Consequences of and remedies for Juvenile delinquency.

(5×2 = 10 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – MAY/JUNE 2012****SUBJECT: PSYCHIATRY AND CLINICAL PSYCHOLOGY**

Monday, June 04, 2012

Time: 10:00-13:00 Hrs.

Max. Marks: 80

Answer all questions:

1. What is normality? Bring out the different perspectives of normality and abnormality with a special emphasis on the ideal perspective.

(20 marks)

2. Discuss clinical features and management of dementia.

(20 marks)

3. Write essay on the following:

3A. Obsessive Compulsive disorder.

3B. Discuss the ancient Indian concept of mental health and illness.

(10×2 = 20 marks)

4. Write short notes on the following:

4A. Any three behaviour therapy techniques.

4B. Psychological assessment.

4C. Psychodynamic psychotherapy.

4D. Counseling.

(5×4 = 20 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – MAY/JUNE 2012****SUBJECT: OCCUPATIONAL THERAPY IN PAEDIATRICS AND DEVELOPMENTAL DISABILITIES**

Wednesday, June 06, 2012

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions**

✍ **Long Question:**

1. Classify the in-hand manipulation. Delineate the problems that limit in-hand manipulation and techniques to facilitate them.

(5+5+5 = 15 marks)

2. Analyze the possible perceptual problems in slow learners and explain in detail Getman's protocol to rectify the same.

(7+8 = 15 marks)

3. Explain the causes and type of sensory issues contributing for feeding dysfunctions in children. Describe the evaluation and intervention of sensory issues in feeding.

(2+5+4+4 = 15 marks)

4. Explain the cognitive deficits, communicative deficits and social deficits in children with autism with suitable examples. Describe the application of sensory integrative approach in the management of vestibular processing deficits in children with autism.

(8+7 = 15 marks)

5. **Short notes:**

- 5A. Guiding theories of intervention for children with attention deficit and hyperactivity.

- 5B. Approaches used for children with mental retardation.

- 5C. Discuss the limitation imposed by "W" sitting posture.

- 5D. Factors for handwriting readiness.

(5×4 = 20 marks)



MANIPAL UNIVERSITY**FOURTH YEAR B.O.T. DEGREE EXAMINATION – MAY/JUNE 2012****SUBJECT: OCCUPATIONAL THERAPY IN MENTAL HEALTH**

Friday, June 08, 2012

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

1. Explain the theoretical assumptions of Developmental Frame of Reference.
(15 marks)
2. Briefly describe the various cognitive impairments associated with psychiatric illness. Discuss in detail the various intervention strategies for the same.
(5+10 = 15 marks)
3. Classify personality disorders. Discuss the problems faced by a 35-year old garage mechanic diagnosed with Antisocial Personality Disorder and occupational therapy management for the same.
(5+10 = 15 marks)
4. Describe the three models of alcohol and substance abuse. Discuss the occupational therapy goals for alcohol dependence.
(5+10 = 15 marks)
5. **Write Short notes on the following:**
 - 5A. Any two assessment scales based on Model of Human Occupation.
 - 5B. Macro-environment and micro-environment in long term care.
 - 5C. Indications and selection criteria for assertiveness training.
 - 5D. Occupational therapy goals for somatization disorder.
(5×4 = 20 marks)

