

**MANIPAL UNIVERSITY**  
**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2009**  
**SUBJECT: GENERAL MEDICINE**

Thursday, December 10, 2009

Time: 10:00-13:00 Hrs.

Max. Marks: 80

**PART – I**

☞ Answer any THREE of the following.

1. Define obesity. Discuss Aetiopathogenesis, Complications and Management of obesity.
2. Define chronic renal failure. Discuss Aetiology, Clinical features and management of CRF.
3. What is Cirrhosis of liver? Discuss Clinical features, Complication and Management of Cirrhosis of liver.
4. What is Ischemic Heart Disease (I.H.D)? Discuss Risk factors, Clinical features and Management of Acute Myocardial Infarction.

(15×3 = 45 marks)

**PART – II**

☞ Answer ALL the following.

5. Write short notes on:

- 5A. Hypothyroidism
- 5B. Pneumonia
- 5C. Megaloblastic Anaemia
- 5D. Cardio Pulmonary Resuscitation
- 5E. Tetany
- 5F. Cholera

(5×6 = 30 marks)

**PART – III**

6. Write short notes on Dermatitis.

(5 marks)



**MANIPAL UNIVERSITY**  
**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2009**  
**SUBJECT: GENERAL SURGERY**

Friday, December 11, 2009

Time: 10:00-13:00 Hrs.

Max. Marks: 80

☞ **Answer ALL questions.**

**1. Long questions:**

- 1A. Define and classify wounds. Discuss the process of wound healing. Describe the phases of scar formation and add a note on ideal scar.
- 1B. Define shock. Discuss various types of shock. Describe clinical monitoring and treatment of shock.
- 1C. What are the clinical features of cholecystitis? Discuss surgical treatment and post-operative complications of cholecystitis.
- 1D. Discuss types of congenital heart disease. Describe types, clinical features and management of ventricular septal defect.
- 1E. Describe types of hernia. Discuss clinical features and management of incisional hernia.

(10×5 = 50 marks)

**2. Short questions:**

- 2A. Discuss Systemic inflammatory response syndrome (SIRS).
- 2B. Discuss Stomas. Add a note on complications of stomas.
- 2C. Elaborate on aetiology and clinical features of peptic ulceration.
- 2D. Discuss anatomy of eye and visual pathway.
- 2E. Discuss indications and complications of neck dissection.
- 2F. Discuss Modified radical mastectomy.

(5×6 = 30 marks)



**MANIPAL UNIVERSITY****FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2009****SUBJECT: SOCIAL AND PREVENTIVE MEDICINE AND SOCIOLOGY**

Saturday, December 12, 2009

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. Define health.
- 1B. Enumerate the various dimensions of health.
- 1C. Discuss web of causation of any disease.

(1+4+5 = 10 marks)

2. Write short notes on:

- 2A. Epidemiology of Tuberculosis.
- 2B. Early warning signs of cancers.
- 2C. Methods of hospital waste management.
- 2D. Activities during a disaster response.
- 2E. ESI Act.
- 2F. Balanced diet.

(5×6 = 30 marks)

**SECTION ‘B’: SOCIOLOGY : 40 MARKS****✍ Answer ALL questions.**

3. Define community. What are the health problems of rural and urban communities?

(2+8 = 10 marks)

4. Mention the factors of social change. Explain any two.

(2+8 =10 marks)

5. Explain the meaning and agencies of socialization.

(2+8 = 10 marks)

6. Write short notes on the following:

- 6A. Social security measures for the disabled.
- 6B. Mention the consequences and remedies for beggary.

(5+5 = 10 marks)



## MANIPAL UNIVERSITY

FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2009

SUBJECT: PSYCHIATRY AND CLINICAL PSYCHOLOGY

Monday, December 14, 2009

Time: 10:00-13:00 Hrs.

Max. Marks: 80

**✍ Answer all questions:**

1. Define stress. Bring out the adaptive and maladaptive strategies employed by individuals to cope up with stress.

(20 marks)

2. Discuss the psychosocial etiology of mental disorders.

(20 marks)

**3. Write an essay on the following:**

3A. Dementia.

3B. Clinical features of Autism.

(10×2 = 20 marks)

**4. Write short notes on the following:**

4A. Psychosocial rehabilitation.

4B. Classification of mental disorders.

4C. Token economy.

4D. Generalized anxiety disorders.

(5×4 = 20 marks)



**MANIPAL UNIVERSITY****FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2009****SUBJECT: OCCUPATIONAL THERAPY IN PAEDIATRICS AND DEVELOPMENTAL DISABILITIES**

Tuesday, December 15, 2009

Time: 10:00-13:00 Hrs.

Max. Marks: 80

**Answer ALL the questions:**

1. Explain the assumptions of sensory integrative frame of reference. Explain the function-dysfunction and postulates regarding change for the vestibular system.  
(5+5+5 = 15 marks)
2. Describe in detail Erikson's stages of emotional development. Also outline a therapy program for a 18-year old college student who is known to have aggressive antisocial behaviour.  
(7+8 = 15 marks)
3. Explain in detail the development of head control in spastic cerebral palsy child and discuss the functional limitations of improper head control.  
(7+8 = 15 marks)
4. What are the visual cognitive components? Explain clinical observations to be made to assess the visual cognitive deficits in children and intervention strategies to facilitate visual cognitive function.  
(5+5+5 = 15 marks)
5. **Short notes:**
  - 5A. Motor learning theory with developmental coordination disorder.
  - 5B. OT intervention for spina bifida.
  - 5C. Domains of legibility in handwriting.
  - 5D. Describe any five features of Down's syndrome.  
(5×4 = 20 marks)



**MANIPAL UNIVERSITY**  
**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2009**  
**SUBJECT: OCCUPATIONAL THERAPY IN MENTAL HEALTH**

Wednesday, December 16, 2009

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions**

1. Define stress. How do you evaluate stress? Describe the role of lifestyle alterations in coping with stress.  

(3+5+7 = 15 marks)
2. Describe the negative symptoms of Schizophrenia. Discuss in detail the Occupational Therapy goals for a 25-year old male diagnosed as Catatonic Schizophrenia.  

(5+10 = 15 marks)
3. Write in brief about Cluster B Personality Disorders. Describe in detail Borderline Personality Disorder and plan a therapy program for a 22-yr old female diagnosed with the same.  

(5+10 = 15 marks)
4. Discuss the causes of Obsessive-Compulsive Disorder as given by Psychodynamic frame of reference with appropriate illustrations. Explain in detail the application of Psychodynamic frame of reference in management of Obsessive Compulsive Disorder.  

(7+8 = 15 marks)
5. **Short notes:**
  - 5A. Safety techniques while handling psychiatric clients.
  - 5B. Disorders of thought.
  - 5C. Phases of change in alcohol-related disorders.
  - 5D. Social skill deficits in Schizophrenia.

(5×4 = 20 marks)

