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**MANIPAL UNIVERSITY**  
**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2015**  
**SUBJECT: GENERAL MEDICINE**  
**(2010 BATCH)**

Wednesday, December 16, 2015

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer any THREE of the following:**

- 1A. Discuss the causes, clinical features, investigations and management of ischemic heart disease.
- 1B. Discuss the etiopathogenesis, clinical features, complications, investigations and management of pulmonary tuberculosis.
- 1C. Classify leukemia. Discuss the clinical features, investigations and management of chronic myeloid leukemia.
- 1D. Discuss the causes, clinical features, complications and management of acute renal failure.

(15 marks × 3 = 45 marks)

2. **Write short notes on:**

- 2A. Hemophilia A
- 2B. Obesity
- 2C. Cardiopulmonary resuscitation
- 2D. Differences between type 1 and type 2 diabetes mellitus
- 2E. Secondary hypertension
- 2F. Management of needle prick injury

(5 marks × 6 = 30 marks)

3. Write short notes on: Diagnosis and management of leprosy

(5 marks)



**MANIPAL UNIVERSITY**  
**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2015**  
**SUBJECT: GENERAL SURGERY**  
**(2010 BATCH)**

Thursday, December 17, 2015

Time: 10:00-13:00 Hrs.

Max. Marks: 80

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✍ **Answer ALL questions.**

**1. Long questions:**

- 1A. Discuss types of congenital heart disease. Describe types, clinical features and management of ventricular septal defect.
- 1B. 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.
- 1C. Elaborate on aetiology and clinical features of peptic ulceration. Discuss management of peptic ulcers with a note on eradication therapy.
- 1D. Describe clinical features of carcinoma breast. Discuss surgical management and complications of carcinoma breast.
- 1E. Describe types of skin grafts and flaps.

(10 marks × 5 = 50 marks)

**2. Short questions:**

- 2A. Discuss water intoxication
- 2B. Discuss sinus and fistula
- 2C. Describe types of abdominal incisions
- 2D. Discuss management of anal incontinence
- 2E. Discuss surgical management of inguinal hernia
- 2F. Discuss tracheostomy care

(5 marks × 6 = 30 marks)



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# MANIPAL UNIVERSITY

**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2015**

**SUBJECT: PSYCHIATRY AND CLINICAL PSYCHOLOGY  
(2010 BATCH)**

Friday, December 18, 2015

Time: 10:00-13:00 Hrs.

Max. Marks: 80

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**Answer ALL questions.**

1. Discuss the various perspectives of normality and abnormality.

(20 marks)

2. Discuss the various models of mental disorders.

(20 marks)

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

3A. Ancient Indian concept of mental illness and mental health.

3B. Elli's approach to cognitive therapy.

(10 marks × 2 = 20 marks)

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

4A. Mental retardation

4B. Depressive disorder

4C. Crisis reaction

4D. Experimental method

(5 marks × 4 = 20 marks)



**MANIPAL UNIVERSITY****FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2015****SUBJECT: OCCUPATIONAL THERAPY IN PAEDIATRICS AND DEVELOPMENTAL DISABILITIES  
(2010 SCHEME)**

Saturday, December 19, 2015

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. Discuss in detail the problems, goals and intervention strategies for improving reach in children with disabilities.  
(15 marks)
2. Explain the evaluation and neuromuscular intervention strategies for a child with feeding impairments.  
(7+8 = 15 marks)
3. Explain the theoretical base, dysfunctions and intervention from the perspective of Biomechanical frame of reference.  
(15 marks)
4. What are cognitive styles? Explain the problems and intervention strategies for cognitive disabilities in children with Learning disability.  
(3+12 = 15 marks)
5. **Short notes:**
  - 5A. Describe the domains of concern in pediatric occupational therapy
  - 5B. Model of team dynamics in early intervention system
  - 5C. Goodness of fit
  - 5D. Role of occupational therapy in spina bifida

(5 marks × 4 = 20 marks)





**MANIPAL UNIVERSITY****FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2015****SUBJECT: OCCUPATIONAL THERAPY IN MENTAL HEALTH  
(2010 BATCH)**

Tuesday, December 22, 2015

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

✍ **Long questions:**

1. Explain the assessment of client aspects in psychosocial occupational therapy practice.  
(15 marks)
2. Explain the assumptions of Model of Human Occupation related to person/open system.  
(15 marks)
3. Describe the functional deficits seen in a client diagnosed with anxiety disorder and occupational therapy management for the same.  
(6+9 = 15 marks)
4. Explain 'therapeutic use of self'. Discuss any three issues arising in a therapeutic relationship and strategies to manage the same.  
(3+12 = 15 marks)

5. **Short notes:**

- 5A. Explain any three major occupational therapy goals for client with post-partum depression
- 5B. Activity and environment related strategies for responding to aggressive clients
- 5C. Any two treatment techniques used in cognitive-behavioural frame of reference
- 5D. Strategies to facilitate group cohesiveness

(5 marks × 4 = 20 marks)

