

Reg. No.

## MANIPAL UNIVERSITY

FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2014

SUBJECT: OCCUPATIONAL THERAPY IN PAEDIATRICS AND DEVELOPMENTAL DISABILITIES  
(2010 SCHEME)

Wednesday, December 17, 2014

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. Discuss the role of play in occupational therapy intervention.  
(15 marks)
2. Explain the motor problems, evaluation and intervention for a child with difficulty in feeding.  
(3+4+8 = 15 marks)
3. Explain the theoretical base of Neurodevelopmental therapy in detail.  
(15 marks)
4. List the visual cognitive components. Explain the intervention strategies for grade school children with visual perceptual disorders.  
(5+10 = 15 marks)
5. **Short Notes:**
  - 5A. Describe the domains of concern in pediatric occupational therapy.
  - 5B. List the guidelines of intervention for high risk infants.
  - 5C. Describe the factors influencing hand skills.
  - 5D. Use of adaptive equipment in spina bifida.(5 marks × 4 = 20 marks)



**MANIPAL UNIVERSITY**  
**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2014**  
**SUBJECT: GENERAL MEDICINE**  
**(2010 BATCH)**

Thursday, December 18, 2014

Time: 10:00-13:00 Hrs.

Max. Marks: 80

1. **Answer any THREE of the following:**

- 1A. Discuss the causes, clinical features, investigations and management of pleural effusion.
- 1B. Discuss the causes, clinical features, complications, investigation and management of ischemic heart disease.
- 1C. Discuss the causes, clinical features, complications and management of chronic renal failure.
- 1D. Discuss the etiology, clinical features and management of iron deficiency anemia.

(15 marks × 3 = 45 marks)

2. **Write short notes on:**

- 2A. Hemophilia A
- 2B. Hypothyroidism
- 2C. Cardiac arrest
- 2D. Management of hypertension
- 2E. Complications of diabetes mellitus
- 2F. Herpes simplex infection

(5 marks × 6 = 30 marks)

3. **Write short notes on: Dermatitis**

(5 marks)



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**FOURTH YEAR B.O.T. DEGREE EXAMINATION – DECEMBER 2014**

**SUBJECT: GENERAL SURGERY  
(2010 BATCH)**

Friday, December 19, 2014

Time: 10:00-13:00 Hrs.

Max. Marks: 80

☞ **Answer ALL questions.**

**1. Long questions:**

- 1A. 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.
- 1B. Elaborate on aetiology and clinical features of peptic ulceration. Discuss management of peptic ulcers with a note on eradication therapy.
- 1C. Describe the anatomy and aetiopathogenesis of coronary artery disease. Discuss the management of coronary artery disease.
- 1D. Discuss evaluation and surgical management of chest trauma. Discuss role of intercostal drainage in chest trauma.
- 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 marks × 5 = 50 marks)

**2. Short questions:**

- 2A. Discuss sinus and fistula.
- 2B. Describe types of abdominal incisions.
- 2C. Discuss Stomas. Add a note on complications of stomas.
- 2D. Discuss management and complications of burns.
- 2E. Discuss Benign prostatic hypertrophy.
- 2F. Discuss tracheostomy.

(5 marks × 6 = 30 marks)

