

MANIPAL UNIVERSITY**FOURTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION – DECEMBER 2015****SUBJECT: VOICE AND LARYNGECTOMY (B 4.1)**

Wednesday, December 16, 2015

Time: 10:00-13:00 Hrs.

Max. Marks: 80

Answer ALL the questions.

- 1A. Explain any two theories of voice production with merits and demerits.
1B. List the linguistic and non-linguistic functions of voice. (8+4 = 12 marks)

OR

- 2A. Explain the voice problems of hearing impaired children.
2B. Write a note on voice problems associated with endocrine dysfunction. (6+6 = 12 marks)

- 3A. Discuss the causes, characteristics and management of adductor vocal cord paralysis.
3B. Write a note on laryngomalacia. (8+4 = 12 marks)

OR

- 4A. Explain the causes, symptoms, laryngoscopic signs and management of voice problems associated with laryngopharyngeal reflux disorder.
4B. Write a note on sulcus vocalis. (6+6 = 12 marks)

- 5A. Explain the advantage and disadvantages of perceptual analysis of voice.
5B. Describe VHI and its use in clinical voice evaluation. (6+6 = 12 marks)

OR

- 6A. Explain the principles of EGG with its clinical utility in the diagnosis of dysphonia.
6B. Write note on laryngeal electromyography. (8+4 = 12 marks)

- 7A. In a tabular form denote the source, vibratory, resonatory and articulatory processes in esophageal Vs electronic Vs T.E. speech.
7B. Discuss the evolution of voice prosthesis over last three decades with their merits and demerits. (6+6 = 12 marks)

OR

- 8A. Discuss the clinically feasible test for P.E. segment tonicity before TEP.
8B. List the commonly encountered complications and their solutions in TEP speakers. (6+6 = 12 marks)

9A. Define voice therapy. Explain in detail 'confidential voice therapy'.

9B. Write a note on phonosurgery.

(6+6 = 12 marks)

OR

10A. Explain the classification of professional voice users.

10B. Define vocal hygiene. Explain the vocal hygiene tips you provide to the professional voice users with their rationale.

(4+8 = 12 marks)

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

11A. Vocal fold length in adults

11B. Abnormal voice

11C. Vocal nodule

11D. Vocal fatigue

11E. Fundamental frequency

11F. MPD

11G. Tracheoesophageal puncture

11H. Injection method

11I. Botulinum toxin

11J. Voice rest

(2 marks × 10 = 20 marks)



MANIPAL UNIVERSITY**FOURTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION – DECEMBER 2015****SUBJECT: MOTOR SPEECH DISORDERS IN CHILDREN (B 4.2)**

Thursday, December 17, 2015

Time: 10:00-13:00 Hrs.

Max. Marks: 80

Answer ALL the questions.

1. Discuss the origin, course, innervations and functions of Cranial Nerve V and VII. (12 marks)
- OR**
- 2A. Draw a neat diagram of the course of corticobulbar tract.
- 2B. Add a note on upper motor neuron and lower motor neuron. (6+6 = 12 marks)
3. Plan a treatment program for a four year old child diagnosed with childhood dysarthria focusing on respiratory and articulatory sub systems.
- OR**
4. Write a comprehensive assessment protocol for childhood dysarthria. (12 marks)
5. Describe the topographical and physiological classification of cerebral palsy.
- OR**
6. Discuss the clinical characteristics of Juvenile progressive bulbar palsy. (12 marks)
7. Discuss the prosodic and motor therapy approaches in childhood apraxia of speech.
- OR**
8. Define childhood apraxia of speech. Describe the speech and language errors seen in childhood apraxia of speech. (12 marks)
9. Describe the various symbols and techniques used in AAC.
- OR**
10. Explain the various factors to be considered while selecting an AAC device for children with cerebral palsy. (12 marks)

11. Write short notes on the following:

11A. Basal ganglia control circuit

11B. Neuron

11C. Vegetative skills

11D. Isometric exercises

11E. Ataxia

11F. Athetosis

11G. Early signs of childhood apraxia

11H. Causes of childhood apraxia

11I. Unaided AAC

11J. Communication partner training in AAC

(2 marks × 10 = 20 marks)



MANIPAL UNIVERSITY**FOURTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION – DECEMBER 2015****SUBJECT: DIAGNOSTIC AUDIOLOGY: PART 2 (B 4.3)**

Friday, December 18, 2015

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

1A. Discuss the instrumentation of immittance.

1B. Why 226 Hz probe tone is used in immittance evaluation?

(8+4 = 12 marks)

OR

2A. Describe the procedure for acoustic reflex measurement.

2B. What is significance of measuring ear canal volume?

(6+6 = 12 marks)

3A. What are the recording factors which affect ABR?

3B. Write a note on role of ABR in intraoperative monitoring.

(8+4 = 12 marks)

OR

4A. ABR is not a true test of hearing. Explain.

4B. Discuss the role of ABR in screening.

(8+4 = 12 marks)

5A. Discuss the stimulus used to evoke ASSR.

5B. What are the clinical applications of ASSR?

(6+6 = 12 marks)

OR

6A. Mention the generators of MMN and list its advantages, disadvantages and applications.

6B. Write a note on quantification of MMN.

(8+4 = 12 marks)

7A. With a neat diagram explain the instrumentation for TEOAE.

7B. Discuss the clinical application of TEOAE.

(8+4 = 12 marks)

OR

8A. What are the factors which affect DPOAE?

8B. Write a note on DP growth function.

(8+4 = 12 marks)

9A. What is the role on ENG in diagnosis of imbalance?

9B. Write a note on smooth pursuit test.

(8+4 = 12 marks)

OR

10A. Write a note on VEMP.

10B. Discuss the clinical applications of VEMP.

(8+4 = 12 marks)

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

11A. Gradient

11B. Immittance in pediatric population

11C. Latency

11D. Subject related factors in AEPs

11E. MLR

11F. P300

11G. DPOAE

11H. SNR

11I. EMG

11J. Need for vestibular test

(2 marks × 10 = 20 marks)



Reg. No.									
----------	--	--	--	--	--	--	--	--	--

MANIPAL UNIVERSITY

FOURTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION – DECEMBER 2015

SUBJECT: PEDIATRIC AUDIOLOGY (B 4.4)

Saturday, December 19, 2015

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ Answer the following questions.

1. Explain any six behavioral responses to auditory stimulus.

OR

2. With diagram explain the different stages of inner ear development and inner ear anomalies.
(12 marks)

3. Highlight the role of an audiologist in a pediatric hospital.

OR

4. Describe the importance of early identification of conductive and unilateral hearing loss in children.
(12 marks)

5. Write the procedure involved in school hearing screening.

OR

6. Explain in detail on automated ABR.
(12 marks)

7A. Highlight the purpose of doing speech audiometry in children.

7B. What are the different methods and tasks to evaluate speech perception in children?
(4+8 = 12 marks)

OR

8. Write a note on the various stimuli used for speech audiometry in children.
(12 marks)

9. Write an essay on characteristics of APD in children.

OR

10. Write a note on different behavioral tests used in identifying functional hearing loss in children.
(12 marks)

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

- 11A. Auro Palpebral Reflex
- 11B. Habituation
- 11C. Instruments for hearing screening
- 11D. Unilateral hearing loss
- 11E. Mass media testing
- 11F. Screening vs diagnostic test
- 11G. GASP
- 11H. ESP
- 11I. Dichotic tests
- 11J. Stenger principle

(2 marks × 10 = 20 marks)

