

**MANIPAL UNIVERSITY**  
**THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2016**  
**SUBJECT: ARTICULATION AND PHONOLOGICAL DISORDERS (B 3.1)**

Tuesday, June 07, 2016

Time: 10:00-13:00 Hrs.

Max. Marks: 80

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**Answer ALL questions.**

- 1A. Describe the prosodic and cognitive models of phonological development.  
1B. Write a note on the role of reinforcements in phonological development.

(8+4 = 12 marks)

**OR**

- 2A. Classify consonants based on their place, manner and voicing features.  
2B. Define first word.

(10+2 = 12 marks)

- 3A. Describe the acoustic features of stops and nasals.  
3B. What is perceptual consistency?

**OR**

- 4A. Elaborate on syllable substitution processes.  
4B. What are idiosyncratic processes?

(10+2 = 12 marks)

- 5A. Discuss the acquired structural factors that lead to misarticulation.  
5B. What is lispings? Describe its types.

**OR**

- 6A. Discuss the neurological conditions that are associated with impaired speech sound articulation.  
6B. Write on the roles of family background and family transmission on articulation skills of offspring.

(8+4 = 12 marks)

- 7A. Describe the oral speech mechanism examination for children with articulation disorders.  
7B. What is oral stereognosis?

**OR**

- 8A. Describe in detail the assessment of articulation for a 5-year-old child.  
8B. Describe any one computer-based intervention program for children with articulation and phonological disorders.

(10+2 = 12 marks)

9A. Write an essay on the generalization stage of remediation in articulation and phonological disorders.

9B. Discuss the criteria for dismissal from therapy.

(8+4 = 12 marks)

**OR**

10A. Describe the stages of metaphon therapy.

10B. What is negative practice?

(10+2 = 12 marks)

11. **Write short notes on:**

11A. Variegated versus reduplicated babbling

11B. Types of coarticulation

11C. Harmony process

11D. Obstruent

11E. Prognathia

11F. Apraxia

11G. Contextual testing

11H. Diagnostic Articulation Test

11I. Retention

11J. Short term goal

(2 marks × 10 = 20 marks)



**MANIPAL UNIVERSITY**  
**THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2016**  
**SUBJECT: MAXILLOFACIAL ANOMALIES (B 3.2)**

Thursday, June 09, 2016

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

✍ **Draw neat labeled figures wherever appropriate.**

1. Describe the embryological development of lip and palate in children.

(12 marks)

**OR**

2A. Describe Crouzan syndrome.

2B. Discuss the incidence of clefts in India.

(6+6 = 12 marks)

3. Discuss the obligatory problems seen in children with cleft lip and palate.

**OR**

4. Discuss the compensatory errors seen in children with cleft palate.

(12 marks)

5A. Describe the role of Prosthodontist in the habilitation of cleft lip and palate.

5B. Briefly describe the high cost devices used in the assessment of cleft lip and palate.

(6+6 = 12 marks)

**OR**

6. Describe the subjective and objective evaluation procedure for the assessment of speech and language in children with Treacher Collin syndrome.

(12 marks)

7. Describe the nasality reduction approaches used in the management of cleft lip and palate.

**OR**

8. Describe the prosthetic devices used in the management of hypernasality in children with cleft lip and palate.

(12 marks)

9A. Discuss the incidence of oral cancer in India.

9B. Outline the speech characteristics seen in adults who has undergone mandibulectomy.

(4+8 = 12 marks)

**OR**

10. Describe the direct swallowing therapy techniques used in the management of adults who has undergone glossectomy and mandibulectomy.

(12 marks)

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

- 11A. Anatomy of mandible
- 11B. Partial glossectomy
- 11C. Indications for speech therapy in cleft palate
- 11D. Vegetative exercises
- 11E. '66' in the assessment of hypernasality
- 11F. Grandfather passage
- 11G. Nasal turbulence
- 11H. Anatomy of lip
- 11I. Embryology
- 11J. Cleft of uvula

(2 marks × 10 = 20 marks)



**MANIPAL UNIVERSITY****THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2016****SUBJECT: DIAGNOSTIC AUDIOLOGY: PART I (B 3.3)**

Saturday, June 11, 2016

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. Inclusion of more than one test in the evaluation process is an advantage for the diagnosis. Discuss.

**OR**

2. Compare and contrast the indicators for RCP and CP. (12 marks)

3. Explain the principle, procedure and interpretation of SISI.

**OR**

4. Write a note on any two tone decay tests and add a note on its advantages and disadvantages. (12 marks)

5. What is the role of Bekesy audiometry in identification of functional hearing loss?

**OR**

6. Write a note on non speech tests used for diagnosis of functional hearing loss. (12 marks)

7. Explain dichotic CV test and SSI-ICM in detail.

**OR**

8. Write a note on binaural interaction tests. (12 marks)

9. Write a note on duration pattern test, its rationale and its advantages and disadvantages.

**OR**

10. Write an essay on factors affecting CAPD assessment. (12 marks)

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

- 11A. Specificity
- 11B. Test re-test reliability
- 11C. Pulsed tone Vs continuous tone
- 11D. Loudness yard stick
- 11E. Lateralization
- 11F. Ladder gram
- 11G. Brief tone audiometry
- 11H. Extrinsic redundancy
- 11I. Inter hemispheric transfer function
- 11J. Stimulus intensity in CAPD testing

(2 marks × 10 = 20 marks)



**MANIPAL UNIVERSITY****THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2016****SUBJECT: REHABILITATIVE AUDIOLOGY (B 3.4)**

Monday, June 13, 2016

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1A. Differentiate between analytic and synthetic method of speech reading.

1B. Write a short note on efficacy of speech reading.

(8+4 = 12 marks)

**OR**

2. What are the different speech reading tests available for hearing impaired children?

(12 marks)

3. Plan activities for 2 year old profound hearing loss child using a hearing aid since 6 months.

**OR**

4. Explain the different methods of auditory training.

(12 marks)

5. Comment on “Aural rehabilitation is important for elderly population.”

**OR**

6. Rehabilitation of a child becomes complex when multisensory deficits co-exist with hearing loss. Discuss.

(12 marks)

7. Describe any two assistive devices under speech perception and alerting devices.

(12 marks)

**OR**

8A. Write a note on working principle of induction loop.

8B. Explain SNR.

(8+4 = 12 marks)

9A. Discuss the complication of brainstem implants and cochlear implants.

9B. What is the candidacy criteria for cochlear implant?

(8+4 = 12 marks)

**OR**

10. Explain the different components of Cochlear Implant with a neat diagram.

(12 marks)

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

- 11A. Synthetic speech reader
- 11B. Limitation of speech reading
- 11C. DASL
- 11D. Group auditory training
- 11E. Communicative strategies
- 11F. Self-assessment questionnaire
- 11G. Hardwired system
- 11H. Management of hyperacusis
- 11I. Types of middle ear implant
- 11J. Candidacy for BAHA

(2 marks × 10 = 20 marks)

