

MANIPAL UNIVERSITY**THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2017****SUBJECT: ARTICULATION AND PHONOLOGICAL DISORDERS (B 3.1)**

Thursday, June 15, 2017

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL questions.**

1A. Draw a neat labeled diagram of speech production mechanism.

1B. Write a note on active articulators.

(8+4 = 12 marks)

OR

2A. "Production of vowels is different from production of consonants". Discuss.

2B. "Tongue is an active articulator". Justify the statement.

(4+8 = 12 marks)

3A. What are phonological processes?

3B. Discuss the various types of phonological processes with examples.

(2+10 = 12 marks)

OR

4. Describe the acoustic characteristics of vowels.

(12 marks)

5. Delineate the various structural factors which can affect articulation in children.

(12 marks)

OR

6A. List out the articulation and phonological errors seen in mentally challenged individuals.

6B. How do metalinguistic factors affects the phonological skills in children?

(6+6 = 12 marks)

7. Outline the assessment protocol used in your clinic to assess articulation and phonological disorders.

(12 marks)

OR

8A. Differentiate between articulation and phonological disorders.

8B. What is stimulability? How would you conduct stimulability testing?

(6+6 = 12 marks)

9. Discuss the general considerations in selecting the target behaviors for articulation training.

OR

10. Describe any four techniques used in articulation training.

(12 marks)

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

11A. Babbling

11B. Cognates

11C. Phonetic transcription

11D. Idiosyncratic processes

11E. Apraxia

11F. Cerebral palsy

11G. DDK

11H. Photo articulation test

11I. Establishment phase

11J. Minimal pair

(2 marks × 10 = 20 marks)



MANIPAL UNIVERSITY**THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2017****SUBJECT: MAXILLOFACIAL ANOMALIES (B 3.2)**

Saturday, June 17, 2017

Time: 10:00-13:00 Hrs.

Max. Marks: 80

- ✍ **Answer ALL the questions.**
✍ **Draw neat labeled figures wherever appropriate.**

- 1A. What is the difference between a syndrome and a sequence.
1B. Describe the clinical features and management of Pierre Robin Syndrome. (4+8 = 12 marks)

OR

2. Briefly describe the various risk factors causing cleft lip and palate. (12 marks)

3. Describe the various resonatory disorders associated with velopharyngeal dysfunction. (12 marks)

OR

- 4A. What is velopharyngeal dysfunction?
4B. How does velopharyngeal dysfunction affect articulation? (2+10 = 12 marks)

5. How do you analyze the articulatory errors in cleft palate patients? (12 marks)

OR

6. What are the obligatory errors? Describe the various types of obligatory errors. (2+10 = 12 marks)

7. How would you correct compensatory articulation errors in cleft palate children?

OR

8. Plan a home training program for one year old child with repaired cleft palate. (12 marks)

9. Write an essay on the swallowing and speech characteristics in partial glossectomee.

OR

10. Discuss the surgical and prosthetic interventions in the rehabilitation of mandibulectomy. (12 marks)

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

- 11A. Neural crest theory
- 11B. Tessier cleft
- 11C. Endoscopy
- 11D. Open bite
- 11E. PERCI
- 11F. Glottal stops
- 11G. Speech bulb obturator
- 11H. CPAP
- 11I. Speech intelligibility
- 11J. Carcinoma

(2 marks × 10 = 20 marks)



MANIPAL UNIVERSITY

THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2017

SUBJECT: DIAGNOSTIC AUDIOLOGY: PART I (B 3.3)

Tuesday, June 20, 2017

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. What is test battery approach? Discuss its need in clinical audiology.

OR

2. Discuss the indicators of cochlear pathology.

(12 marks)

3. What is adaptation? Describe any two tests to detect abnormal adaptation. Mention its advantages and limitations.

OR

4. Discuss the usefulness of Bekesy audiometry for differentiating cochlear and retrocochlear lesions.

(12 marks)

5. What is the incidence of functional hearing loss? List the indicators of functional hearing loss.

OR

6. Discuss the tests used to identify functional hearing loss in children.

(12 marks)

7. Write an essay on low-redundancy tests to identify CAPD.

OR

8. Write an essay on assessment of CAPD in children.

(12 marks)

9. Discuss the factors affecting assessment of CAPD in children.

OR

10. Write short note on DPT and PPT.

(12 marks)

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

11A. Roll-over index

11B. Stenger principle

11C. Lombard reflex

11D. Brief tone audiometry

11E. Causes of CAPD

11F. List the findings of SPIN and MLD in brainstem and cortical lesions

11G. List four tests which assess binaural interaction

11H. Internal and external redundancy

11I. Subtlety principle

11J. List causes of cochlear hearing loss

(2 marks × 10 = 20 marks)



MANIPAL UNIVERSITY**THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2017****SUBJECT: REHABILITATIVE AUDIOLOGY (B 3.4)**

Thursday, June 22, 2017

Time: 10:00-13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1A. What is Speech tracking Procedure?

1B. Write about the synthetic method of Speech reading.

(6+6 = 12 marks)

OR

2A. Discuss the Jena method of speech reading.

2B. Write about various recent trends in speech reading.

(4+8 = 12 marks)

3A. Explain different activities to improve auditory identification.

3B. Explain the Carhart's approach.

(12 marks)

OR

4A. Discuss the role of Audition in normal speech and language development.

4B. Expand and elaborate about SPICE.

(8+4 = 12 marks)

5A. Differentiate between the compensatory and facilitative strategies in aural rehabilitation.

5B. Discuss on Self-assessment questionnaire.

OR

6A. Write a note on challenges faced in management of individuals with Deafness and Blindness.

6B. Discuss various Meta linguistic strategies incorporated in aural rehabilitation.

(8+4 = 12 marks)

7A. What are the different applications of ALDs?

7B. Write about the working principle of FM system.

(4+8 = 12 marks)

OR

8A. What are the different alerting devices available for individuals with hearing impairment?

8B. Expand and highlight various advantages of DAI.

(8+4 = 12 marks)

9A. Write about the working principle of BAHA.

9B. Discuss the candidacy criteria for BAHA.

(8+4 = 12 marks)

OR

10A. With neat diagram explain components of Middle ear implant device.

10B. Discuss the candidacy criteria for Cochlear implantation.

(8+4 = 12 marks)

11. **Short notes:**

11A. Synthetic training

11B. Viewing condition

11C. Factors affecting auditory training

11D. Formal auditory training

11E. Counseling for CAPD population

11F. Compensatory strategies

11G. Hardwired System

11H. Management of hyperacusis

11I. Brain stem Implant

11J. Complication of MEI

(2 marks × 10 = 20 marks)

