MANIPAL UNIVERSITY

THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2015

SUBJECT: ARTICULATION AND PHONOLOGICAL DISORDERS (B 3.1)

Tuesday, June 02, 2015

Time: 10:00-13:00 Hrs.   Max. Marks: 80

✎   **Answer ALL the questions.**

1A.   What is place of articulation?

1B.   Discuss the various places of articulation for speech sounds with examples.

<div align="center">OR</div>

2A.   What is manner of articulation?

2B.   Discuss the various manners in which the speech sounds are produced with examples.

<div align="right">(2+10 = 12 marks)</div>

3.   Describe the acoustic characteristics of stops and nasal consonants.

<div align="center">OR</div>

4.   What is spectrogram? Discuss the types and their clinical applications.

<div align="right">(12 marks)</div>

5.   Describe the various psychosocial factors affecting the articulation and phonological skills.

<div align="center">OR</div>

6.   Discuss the articulation errors seen in dysarthria and apraxia.

<div align="right">(12 marks)</div>

7A.   What are the tools used in oro-facial examination? Discuss the utility of the same.

7B.   How would you assess the structure and function of tongue, palate and lips?

<div align="center">OR</div>

8A.   What are the methods to collect the connected speech sample in children?

8B.   Elaborate on the advantages and disadvantages of connected speech sample in assessing articulation and phonological disorders.

<div align="right">(6+6 = 12 marks)</div>

9A.   Discuss the utility of computers in treating speech sound disorders.

9B.   How is treating phonological disorders different from that of articulation disorders?

<div align="right">(8+4 = 12 marks)</div>

<div align="center">OR</div>

10A. Describe the stages of metaphon therapy.

10B. What is negative practice?

<div align="right">(10+2 = 12 marks)</div>

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

11A. Co-articulation

11B. Passive articulators

11C. Categorical perception

11D. Tongue height in vowel production

11E. Cross bite

11F. Tongue tie

11G. Predictive screening test of articulation

11H. Bifid Uvula

11I. Motokinesthetic approach

11J. Generalization

(2 marks × 10 = 20 marks)

MANIPAL UNIVERSITY

THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2015

SUBJECT: MAXILLOFACIAL ANOMALIES (B 3.2)

Thursday, June 04, 2015

Time: 10:00-13:00 Hrs.   Max. Marks: 80

✍ **Answer ALL the questions.**

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

1A. How is occult submucous cleft palate different from submucous cleft palate.

1B. Write a note on the clefts of the primary palate.

(4+8 = 12 marks)

OR

2. With diagram, explain the modified striped 'Y' classification system.

(12 marks)

3A. Write a note on the dental abnormality associated with cleft palate.

3B. Explain the nature of speech problems associated with dental abnormalities.

(6+6 = 12 marks)

OR

4. Describe any two associated problems in cleft palate populations.

(12 marks)

5A. Describe any one articulation test to evaluate the cleft palate patients.

5B. Discuss the role of nasometry in the assessment of cleft palate patients.

(6+6 = 12 marks)

OR

6A. List the low tech tools used in the evaluation of resonatory disorders.

6B. Explain how low tech tools help in evaluation of cleft palate patients.

(4+8 = 12 marks)

7. Briefly describe the various types of prosthesis used in the management of cleft palate patients.

OR

8. Highlight the role of SLP in the management of children with cleft lip and palate.

(12 marks)

9. Describe the speech deficits and their intervention in persons with partial glossectomy.

OR

10. Discuss the surgical and prosthetic interventions in the rehabilitation of mandibulectomy.

(12 marks)

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

11A. Syndactyly

11B. Zona Pelucida

11C. Nasal regurgitation

11D. Nasalance

11E. TONAR

11F. Glottal frication

11G. Palatal obturator

11H. Direct muscle training

11I.   Speech naturalness

11J.   Extrinsic muscles of tongue

(2 marks × 10 = 20 marks)

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THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2015

SUBJECT: DIAGNOSTIC AUDIOLOGY: PART I (B 3.3)

Saturday, June 06, 2015

Time: 10:00-13:00 Hrs.   Max. Marks: 80

✍   **Answer ALL the questions.**

1.   Based on routine clinical characteristics how would you differentiate CP vs RCP.

(12 marks)

OR

2.   Design a test battery for evaluating a CP.

(12 marks)

3A.   List and explain different tests to identify recruitment.

3B.   Write any one proposed theory of recruitment.

(8+4 = 12 marks)

OR

4A.   Discuss the procedure of ABLB in detail.

4B.   What is PIPB function?

(8+4 = 12 marks)

5A.   What is functional hearing loss? Give a case example.

5B.   Write a note on Lombard test.

(8+4 = 12 marks)

OR

6A.   Write on different terminology with definition for each used in functional hearing loss.

6B.   Write in detail on Stenger test.

(6+6 = 12 marks)

7A.   Define CAPD. Write characteristics of CAPD.

7B.   Explain monaural low redundancy tests in brief.

(6+6 = 12 marks)

OR

8A.   Write in detail on procedure and application of SPIN test.

8B.   Comment on Binaural interaction test.

(6+6 = 12 marks)

9A.   Discuss in detail the procedural factors which affect CAPD tests.

9B.   ·Write a note on CAPD in elderly population.

(6+6 = 12 marks)

OR

10A.   Discuss different tests used to differentiate cortical and brainstem lesion.

10B.   Write a short note on PPT.

(8+4 = 12 marks)

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

11A. Cross check principle

11B. Recruitment

11C. MLB

11D. Brief tone audiometry

11E. Causes for functional hearing loss in adults

11F. Lip reading test

11G. Rational for CAPD testing

11H. Filtered speech test

11I.   HINT

11J.   Temporal ordering

(2 marks × 10 = 20 marks)

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THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2015
SUBJECT: REHABILITATIVE AUDIOLOGY (B 3.4)

Tuesday, June 09, 2015

Time: 10:00-13:00 Hrs.   Max. Marks: 80

✍   **Answer ALL the questions.**

1.   Discuss the need for speech reading training in hearing impaired rehabilitation.

<div align="center">OR</div>

2.   What are the speaker and linguistic variables that influence speech reading?

<div align="right">(12 marks)</div>

3A.   Elaborate on historical background of Auditory training.

3B.   What are the factors affecting auditory training?

<div align="center">OR</div>

4A.   Explain the different approaches used in auditory training.

4B.   What is Auditory Verbal Therapy?

<div align="right">(8+4 = 12 marks)</div>

5.   Management of individuals with hearing loss associated with other multiple handicaps is challenging – Justify.

<div align="center">OR</div>

6.   Explain the different communicative strategies used by individuals with hearing loss.

<div align="right">(12 marks)</div>

7A.   Write a note on the working principle of FM devices.

7B.   What are the advantages of using FM devices?

<div align="center">OR</div>

8A.   Explain working principles of infrared system.

8B.   What are the different alerting devices used by hearing impaired individuals?

<div align="right">(8+4 = 12 marks)</div>

9.   Elaborate on different implantable devices available for individual with hearing loss.

<div align="center">OR</div>

10.   Define the term BAHA. With a neat diagram explain the components and working principle of BAHA.

<div align="right">(12 marks)</div>

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

11A. Limitation of speech reading

11B. Visual speech perception

11C. Informal auditory training

11D. Auditory discrimination activities

11E. Auditory closure activities

11F. Tadoma approach

11G. Hardwired system

11H. Tinnitus

11I. Brain stem implant

11J. Candidacy for cochlear implant

(2 marks × 10 = 20 marks)