

**Max. Marks: 80**

*Your answers should be specific to questions asked.  
Draw neat labelled diagrams wherever necessary*

- Page 1 of 2

**OR**

- |           |           |  |  |       |
|-----------|-----------|--|--|-------|
| <b>6.</b> | a)        | Write a note on "oral sensory motor facilitation techniques" in the management of persons with dysarthria. | 8  |       |
|           | b)        | What techniques would you employ to improve prosody and swallowing in persons with dysarthria ?            | 8  |       |
|           |           |  |  |       |
| <b>IV</b> | <b>7.</b> | a)   | What is apraxia? What are the precipitating factors of speech errors in apraxia?                                   | 2 + 6 |
|           |           | b)   | Propose a plan for management of speech problems in persons with typical apraxia of speech. Justify your proposal. | 8     |

**OR**

- |           |           |  |  |   |
|-----------|-----------|--|--|---|
| <b>8.</b> | a)        | What are the standard tests used in the assessment of apraxia? Discuss any one test. | 8  |   |
|           | b)        | Write a note on<br>i) PROMPT<br>ii) Cued speech                                      | 4 + 4  |   |
|           |           |  |  |   |
| <b>V</b>  | <b>9.</b> | a)   | What is AAC? Give any one classification of augmentative and alternative communication systems and discuss.              | 8 |
|           |           | b)   | Explain the role of different professionals in the management of speech of persons with acquired dysarthria and apraxia. | 8 |

**OR**

- |            |    |  |       |
|------------|----|--|-------|
| <b>10.</b> | a) | Write a short note on the following with examples:<br>i) Iconic symbols in Aided AAC systems.<br>ii) Symbol set. | 4 + 4 |
|            | b) | Critically evaluate the protocol used for selection of candidates for AAC.                                       | 8     |



**Sri Devaraj Urs Academy of Higher Education & Research**  
**(A Deemed to be University)**  
**Bachelor in Audiology & Speech-language Pathology**  
**Third Year Semester - VI September 2023 Examinations**

**Time: 3 Hours**

**Max. Marks: 80**

**Language Disorders in Adults**  
**QP. Code: S6240**

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- I**
1. a) Discuss the neo associationist model of language processing. 8
- b) Explain one of the connectionist models of language processing. 8  
Add a short note on its advantages and disadvantages.
- OR**
2. a) With a neat diagram, list the various anatomical structures 8  
involved in mediating language function.
- b) Describe Luria's model. Discuss its merits and demerits. 8
- II**
3. a) What is aphasia? What are its causes? 2 + 6
- b) Explain the characteristic features of 4 + 4  
i) Isolation aphasia  
ii) Transcortical sensory aphasia
- OR**
4. a) Why do we need to classify aphasia? Justify your answer. 8
- b) Discuss the linguistic, behavioural and cognitive characteristics 8  
associated with TBI.
- III**
5. a) Describe the procedure involved in the assessment of language 8  
features in persons with TBI.
- b) Discuss the diagnostic test materials used in the assessment of 8  
persons with aphasia.

**OR**

- 6.** a) Describe the procedure involved in the assessment of language features in persons who have RHD. 8
- b) How do you differentiate between 4 + 4  
i) Aphasia and dementia  
ii) RHD and TBI
- IV 7.** a) Write a short note on 4 + 4  
i) De-blocking  
ii) RET
- b) Explain the holistic speech-language intervention approach for persons with Aphasia 8

**OR**

- 8.** a) Write a short note on 4 + 4  
i) VCIU  
ii) PACE
- b) Explain the features of language intervention for adults with non-fluent aphasia. 8
- V 9.** a) Explain factors influencing the assessment and management of language in persons who are preliterate, illiterate and literate. 8
- b) Discuss the assessment of quality of life in person with aphasia. 8

**OR**

- 10.** a) What strategies are available when you recommend augmentative and alternative for adults with language disorders? 8
- b) How management of persons with aphasia is different from rehabilitation of persons with aphasia? Justify your answer. 8



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**Environmental Audiology**

**QP. Code: S6250**

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- I**    **1.**    a) Elaborate on the histopathological changes that occur because of exposure to noise. 8
- b) What do you understand of:  
              Noy, PNdB, PNL, NC curves? 2 + 2 +  
2 + 2

**OR**

- 2.**    a) Explain, in detail, the various non-physiological effects of noise exposure 8
- b) Write short notes on 4 + 4  
              i) Bounce effect  
              ii) Audio Analgesia

- II**    **3.**    a) Which audiological tests can be employed for early detection of noise induced hearing loss? Justify your choice of tests. 8
- b) Write short notes on 4 + 4  
              i) Aural Harmonics test ii) Presbycusis and NIHL

**OR**

- 4.**    a) Explain 4 + 4  
              i) Standard threshold shift  
              ii) Delayed incomplete recovery
- b) What is TTS? What are the different patterns of recovery from TTS? 2 + 6

- III**    **5.**    a) Write short notes on 5 + 3  
              i) OSHA calculation of noise dose  
              ii) TWA
- b) List the different parts of SLM with the help of diagram. Explain the method of calibration of SLM. 3 + 5

**OR**

- |           |           |   |       |
|-----------|-----------|---|-------|
| <b>6.</b> | a)        | Describe the instrumentation for vibration measurement and the effect of vibration on people.       | 4 + 4 |
|           | b)        | What is noise dosimeter and describe the various components of noise dosimeter with a neat diagram. | 8     |
|           |           |   |       |
| <b>IV</b> | <b>7.</b> | a) What steps can be taken to control noise a) at the source, and b) at the receiver?               | 4 + 4 |
|           |           | b) Write a note on the importance of Damage Risk Criteria while setting various noise standards.    | 8     |

**OR**

- |           |           |   |     |
|-----------|-----------|---|-----|
| <b>8.</b> | a)        | Discuss, in detail, the different steps in conducting a hearing conservation program. | 8   |
|           | b)        | Write short notes on  | 4 + |
|           |           | i) NRR for HPDs   | 4   |
|           |           | ii) Noise conditioning/ Toughening  |     |
|           |           |   |     |
| <b>V</b>  | <b>9.</b> | a) Write short notes on   | 4+4 |
|           |           | i) AMA method   |     |
|           |           | ii) Fletcher Eight-point Formula  |     |
|           | b)        | What is the significance of DRC and use of TTS and PTS in establishing DRC?           | 8   |

**OR**

- |            |    |   |       |
|------------|----|---|-------|
| <b>10.</b> | a) | Write short notes   | 4 + 4 |
|            |    | i) CHABA  |       |
|            |    | ii) OSHA  |       |
|            | b) | Describe in detail any two Indian as well as two American Acts for noise control. | 8     |



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**Aural Rehabilitation**

**QP. Code: S6260**

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- I**
1. a) Elaborate on the differences between interview and questionnaire methods in assessing communication handicap of individual. 8
- b) Define vocational rehabilitation. Discuss the various vocational training provided for a person with hearing impairment. 8
- OR**
2. a) Discuss the impact of hearing loss on a developing child. 8
- b) Define aural rehabilitation. Discuss the scope of aural rehabilitation in adults. 2 + 6
- II**
3. a) Describe the need for early intervention programs. 8
- b) What compensatory strategies are available for persons with CAPD. Discuss with suitable examples. 8
- OR**
4. a) What do you understand by auditory verbal approach? Describe the principles of auditory verbal approach. 2 + 6
- b) Describe the technologies used in the management of deaf-blind. 8
- III**
5. a) Describe the factors that facilitate or impede speech reading 8
- b) Discuss the principles of aural rehabilitation in adults 8

**OR**

- |           |            |   |       |
|-----------|------------|---|-------|
|           | <b>6.</b>  | a) There is an 8-year-old child and a 35-year-old adult who have been recommended speech reading as a management technique. What age-appropriate speech-reading activities will you plan for these two?. Justify your answer. | 8     |
|           |            | b) Describe, in detail, any two speech reading tests.   | 8     |
| <b>IV</b> | <b>7.</b>  | a) How do you classify communication strategies? Explain the different types of anticipatory strategies.  | 3+5   |
|           |            | b) Explain the variables that influence plans for aural rehabilitation. How would you overcome them?  | 6 + 2 |
|           |            | OR  |       |
|           | <b>8.</b>  | a) What is meant by repair strategy? Explain the different repair strategies with examples.   | 8     |
|           |            | b) What factors influence the reception of a spoken message? Elaborate your answer.   | 8     |
| <b>V</b>  | <b>9.</b>  | a) Describe and discuss the 'Neurophysiological model' of managing tinnitus in adults.  | 8     |
|           |            | b) Discuss the audiological management options available for managing hyperacusis.  | 8     |
|           |            | OR  |       |
|           | <b>10.</b> | a) Describe the basic protocol of 'Tinnitus Retraining Therapy.' What is the rationale of this technique?   | 6 + 2 |
|           |            | b) Discuss the alternate therapy options available for management of tinnitus.  | 8     |





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**Speech-language Pathology & Audiology in Practice**  
**QP. Code: S6670**

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- I**    **1.**    a) Discuss the different levels of prevention relating to hearing disorders. Give appropriate examples.    2 + 6
- b) What are the functions of a speech and hearing centre in a school and hospital setup?    4 + 4

**OR**

- 2.**    a) Describe the role of itinerant speech therapists and resource teachers in early identification and management of speech and hearing disorders.    8
- b) Differentiate between ICD and ICF. Discuss the importance of ICF in classifying speech and hearing disorders.    3 + 5
- II**    **3.**    a) Discuss the scope of a speech-language pathologist in India.    8
- b) Write short notes on    4 + 4
- i) Consumer Protection Act
- ii) Barrier free access to the disabled.

**OR**

- 4.**    a) Write a note on certification related to speech and hearing disability.    8
- b) Discuss the various welfare measures available for persons with speech- language and hearing disability in India.    8
- III**    **5.**    a) i) What is clinical audit and what is its purpose?    4 + 4
- ii) What is the present situation regarding different allowances included in the pay of government employees of a speech and hearing organization?

- b) Write short notes on the following: 4 + 4
- i) Stock verification
  - ii) Estimate types

**OR**

6. a) Write short notes on 4 + 4
- i) Recruitment rules
  - ii) Scale of Pay
  - iii) Symposium and workshop

- b) i) What is a camp relating to the field of speech and hearing? 4 + 4  
Discuss the benefits and drawbacks of conducting screening programs.
- ii) Give a brief note on seminars, symposiums and their benefits

- IV** 7. a) Discuss the manpower and technological requirement for tele- 8  
practice.
- b) How are the following carried out using tele-practice. 4 + 4
- i) Newborn hearing screening, ii) Otoacoustic emission

**OR**

8. a) Define tele-practice and elaborate on the carried out. 2 + 6
- b) Ethics and regulations tor tele-practice 8

- V** 9. a) Explain the significance of Rights of Persons with Disability Act, 4+4  
2016. Add a note on the benefits of the Act for individuals with  
speech and hearing disability.
- b) Write short notes on 4+4
- i) ISHA, ii) Biwako Millennium Framework (2003)

**OR**

10. a) Write short notes on 4+4
- i) UNCRPD, ii) Right to Education Act (2012)
- b) Write on the mandate of the Rehabilitation Council of India related 8  
to training of rehabilitation professionals.