



Sri Devaraj Urs Academy of Higher Education & Research
(A Deemed to be University)
Bachelor of Audiology & Speech-language Pathology
Second Year Semester-III December 2025 Examinations

Time: 2.30 Hours

Max. Marks: 80

Fluency and its disorders

QP. Code: SA3090

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

Long Essay

2 X 10 = 20 marks

1. What is the protocol followed in your department for the assessment of stuttering?
2. What are the causes of relapse of stuttering?

Short Essays

6 X 5 = 30 marks

3. How are the suprasegmentals affected in PWS?
4. Discuss fluency as an index of speech function.
5. Explain CALMS model with respect to the assessment of stuttering.
6. What characteristic of neurogenic stuttering?
7. Explain the rationale and steps involved in modified airflow technique
8. How does backdoor approach help in the management of cluttering?

Short Answers

10 X 3 = 30 marks

9. Differentiate between speaking rate and articulatory rate?
10. What are the various types of prosody?
11. Explain Bluemel's stages of the development of stuttering.
12. What is stuttering according to Wingate?
13. Name any 3 rating scales used for the assessment of stuttering in adults.
14. How does rating scales help in the assessment of stuttering?
15. Explain blown-up balloon analogy.
16. Describe the importance of behavioural approach in the management of stuttering.
17. Explain Gregory's preventive parenting counselling for stuttering.
18. Mention any 6 treatment options available for the management of SAAND.



Sri Devaraj Urs Academy of Higher Education & Research
(A Deemed to be University)
Bachelor of Audiology & Speech-language Pathology
Second Year Semester-III December 2025 Examinations

Time: 2.30 Hours

Max. Marks: 80

Amplification Devices

QP. Code: SA3100

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

- I. Long Essay** **2x10=20 marks**
1. Discuss in detail the making of a Hard Mold.
 2. Describe the components of a digital BTE hearing aid with a neat diagram.
- II. Short Essay** **6x5=30 marks**
3. Explain and interpret the results of OSPL90 electroacoustic measurement performed on hearing aids.
 4. Apply the principles of BERA to outline a protocol for hearing aid validation, and justify its use.
 5. Explain the head shadow effect with the help of a neat diagram.
 6. Describe the factors affecting insertion gain measurement in the hearing aid.
 7. Describe the different types of vents used in hearing aid mold.
 8. Explain, with clinical examples, the process and significance of frequency transposition in hearing aid fitting.
- III. Short Answer** **10x3=30 marks**
9. Mention the historical developmental stages of Hearing aids.
 10. Define Compression and mention its types.
 11. Mention the electroacoustic measurements that are done in RTG positions.
 12. List any three threshold-based non-linear fitting formulas.
 13. Mention the techniques used for signal enhancement.
 14. Mention the type of group amplification devices.
 15. List the hardware required for hearing aid programming.
 16. Mention any three hearing aid care advised to the users.
 17. Mention the type of amplifiers used in hearing aids.
 18. Define REAR and RECD.



**Sri Devaraj Urs Academy of Higher Education & Research
(A Deemed to be University)**

**Bachelor of Audiology & Speech-language Pathology
Second Year Semester-III December 2025 Examinations**

Time: 2.30 Hours

Max. Marks: 80

Electronics and Acoustics

QP. Code: SA3110

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

I Long Essay

2x10=20 marks

1. Explain how the reflection, transmission, and absorption coefficients of a material are related. How does this relationship guide material selection in room acoustics?
2. Describe three software tools used in communication sciences and disorders and how they help in assessment or therapy.

II Short Essay

6x5=30 marks

3. Comparison between analogue and digital signals
4. Importance of Earthing in Clinical Settings
5. Key features and importance of spectrogram
6. Applications of DSP in communication sciences and disorders
7. Functioning of the operating system
8. Key components of an audiometer

III Short Answer

10x3=30 marks

9. How do binary and decimal number systems differ?
10. What are the three key characteristics of active devices?
11. Explain the inverse square law
12. What are the functions of circum-aural headphones?
13. Explain the local area network (LAN)
14. Explain transducers and their types
15. Explain the importance of power amplifiers
16. What is the role of a digital-to-analogue converter?
17. List any three limitations of infrared systems
18. Explain active filters in detail



Sri Devaraj Urs Academy of Higher Education & Research
(A Deemed to be University)
Bachelor of Audiology & Speech-language Pathology
Second Year Semester-III December 2025 Examinations

Time: 2.30 Hours

Max. Marks: 80

Psychology for Speech and Hearing
QP. Code: SA3120

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

I Long Essay **2x10=20 marks**

1. Define Psychology. Outline the schools of psychology.
2. Explain Piaget's theory of cognitive development.

II Short Essay **6x5=30 marks**

3. Explain the process of neuropsychological assessment.
4. Differentiate between the ICD and the DSM.
5. Outline the Do's and Don't of counselling.
6. Types of punishment and reinforcement.
7. Describe adaptive functions.
8. Differentiate between normality and abnormality with examples.

III Short Answer **10x3=30 marks**

9. Features of early motor development.
10. Aversion therapy
11. What is behaviour modification?
12. What are psychological assessments?
13. Mention some hazards that may affect child development.
14. Define personality and give an example of a test used to measure it.
15. Differentiate between Gross motor skills and fine motor skills with examples.
16. Name a few neuropsychological domains of functioning.
17. Define operant conditioning.
18. Outline the importance of socialization in children.



Sri Devaraj Urs Academy of Higher Education & Research
(A Deemed to be University)
Bachelor of Audiology & Speech-language Pathology
Second Year Semester-III December 2025 Examinations

Time: 2.30 Hours

Max. Marks: 80

Voice and its disorders

QP. Code: S3370

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

Long Essay

2 x 10 = 20 marks

1. Define stroboscopy. How do you perform stroboscopy? What parameters are measured with stroboscopy?
2. Explain the rationale and steps of resonant voice therapy.

Short Essays

6 x 5 = 30 marks

3. Differentiate between biological and non-biological functions of voice?
4. What are the causes of voice disorders?
5. Describe spasmodic dysphonia and how does it differ from vocal cord paralysis?
6. How is CAPE-V useful in the perceptual evaluation of voice?
7. Explain the steps involved in confidential voice therapy.
8. Discuss preoperative care with reference to benign vocal cord lesions.

Short Answers

10 x 3 = 30 marks

9. Briefly discuss the innervation of larynx.
10. List the ligaments and membranes of the larynx.
11. List any six characteristics of 'abnormal' voice.
12. How does the respiratory system help in voice production?
13. Enumerate the common voice problems in singers.
14. Differentiate between vocal nodules, polyps, and cysts.
15. Briefly explain laryngeal manipulation for the treatment of puberphonia.
16. How is laser surgery used for voice restoration?
17. What are the objectives of voice surgery?
18. Explain the intervention strategies used to manage GERD/LPR.



Sri Devaraj Urs Academy of Higher Education & Research
(A Deemed to be University)
Bachelor of Audiology & Speech-language Pathology
Second Year Semester-III December 2025 Examinations

Time: 2.30 Hours

Max. Marks: 80

Speech Sound Disorders

QP. Code: S3380

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

Long Essay

2 x 10 = 20 marks

1. Describe the acoustic characteristics of consonants sounds.
2. What test materials available for assessment of articulation and phonological processes?
Discuss any one in detail.

Short Essays

6 x 5 = 30 marks

3. What is relational analysis? How is this relevant to evaluation of speech sound disorders.
4. What are SODA errors? Explain with examples.
5. What are the advantages and disadvantages of instrumental approach in the assessment of speech sound disorders.
6. Discuss treatment continuum.
7. Discuss the factors to be considered with children from culturally and linguistically diverse populations during assessment.
8. Explain Cycles approach for treatment of speech sound disorders.

Short Answers

10 x 3 = 30 marks

9. Write a note on phonological development from birth to one year.
10. What factors affect speech intelligibility?
11. List the samples that are collected during assessment for speech sound disorders, and justify.
12. What is the importance of IPA?
13. What structures are assessed during oral peripheral mechanism?
14. Write about fronting and backing processes with examples.
15. Give a brief account of individual therapy and group therapy.
16. What is moto-kinesthetic approach? List its advantages and disadvantages.
17. Write about minimal pair contrasts therapy with examples.
18. Write a short note on metaphon therapy.



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A Deemed to be University)

**Bachelor of Audiology & Speech-language Pathology
Second Year Semester-III December 2025 Examination**

Time: 2 Hrs 30 mins

Max. Marks: 80

Diagnostic Audiology Behavioural Tests

QP. Code: S3390

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

Long Essay

2 x 10 = 20 marks

1. Enumerate various tests for adaptation. Describe suprathreshold adaptation test in detail with its clinical significance
2. Explain any two monaural low redundancy tests to identify CAPD

Short Essay

6 x 5 = 30 marks

3. Discuss the need for a test battery approach in evaluating individuals with hearing impairment.
4. Name any four speech tests available for identifying pseudohypacusis in adults. Describe any one of them in detail.
5. What is hyperacusis? How do you classify the severity of hyperacusis?
6. Describe the procedure for matching pitch and loudness for individuals having tinnitus.
7. Differentiate between behavioural tests and physiological tests in the evaluation of hearing.
8. What are the possible reasons for feigning hearing loss? Are they different in adults and children? If yes, how?

Short Answer

10 x 3 = 30 marks

9. List 2 tests each to identify CP and RCP and give one example of a both CP and RCP?
10. Define cross-check principle. Discuss its clinical significance
11. Write the principle behind the following tests for functional hearing loss
 - (i) Variable intensity pulse count method
 - (ii) Stenger test
 - (iii) Lip reading test
12. What is off-frequency listening? Name the two tests available to identify cochlear dead regions.
13. Who are the team members involved in the assessment and management of vestibular disorders? What is the role of an audiologist in the team?
14. What are the alternate terminologies used for true positive, false positive and true negative?
15. Functional hearing loss tests can be classified based on various aspects. Mention any three such ways in which the functional hearing loss tests can be classified
16. Write the test findings of a person with brainstem lesion on the following tests?
 - a) Masking level difference
 - b) Pitch pattern test
 - c) Binaural fusion test
17. Write the steps involved in Dix-Hallpike manoeuvre.
18. What is Subtlety and Bottle Neck principle with respect to CAPD?