



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Bachelor in Audiology & Speech– Language Pathology

Semester-II Examination June/July 2025

TIME –2.30 Hrs.

MAX MARKS: 80

Neurology
QP Code: S2320

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

Long Essay

2 X 10 = 20 marks

1. Explain the structures of cerebrum with a neat and labelled diagram and list their functions.
2. Describe the different procedures involved in neurological examination.

Short Essays

6 X 5 = 30 marks

3. What is dysarthria? Write its classification based on site of lesion.
4. Describe the swallowing mechanism and its different stages.
5. List all the cranial nerves and their functions.
6. What are metabolic disorders? Explain the clinical features of any two metabolic disorders.
7. What is hydrocephalus? What are the clinical features of hydrocephalus in adults?
8. Discuss the aetiology and pathogenesis of bacterial meningitis.

Short Answers

10 X 3 = 30 marks

9. What are the clinical symptoms of neurogenic dysphagia?
10. What is multiple sclerosis? What is its pathophysiology?
11. What are subdural hematoma and epidural hematoma.
12. What is alexia? What is the site of lesion of alexia without agraphia?
13. Write a short on Arnold Chiari malformations.
14. What is Parkinson's disease? List its clinical features.
15. Write a short note on alcoholic cerebellar degeneration.
16. What are the language characteristics of anomia?
17. What is cerebral palsy? List the causes of CP.
18. What is a neural tube defect? List any 3 neural tube defects.



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)**

Bachelor in Audiology and Speech– Language Pathology

Semester-II June/July 2025 Examination

TIME –2.30 Hrs.

MAX MARKS: 80

**Otolaryngology
QP Code: S2330**

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

Long Essay

2 X 10 = 20 marks

1. Describe the etiology and clinical features of vestibular schwannoma.
2. Explain the technique and procedure of stroboscopy. Add a note on precautions to be taken while conducting it.

Short Essays

6 X 5 = 30 marks

3. Write etiology, clinical features and management of any two diseases of the external ear.
4. Describe the etiology, clinical features and management of acute suppurative otitis media.
5. Discuss issues related to candidacy for cochlear implants.
6. Describe the viral infections causing pharyngitis and clinical features of the latter.
7. What are the risk factors of non-neoplastic vocal fold mucosal disorders? Discuss in detail
8. What is Barrett's esophagus? How does it lead to esophageal cancer?

Short Answers

10 X 3 = 30 marks

9. Draw a neat-labeled diagram of the external ear.
10. What is microtia? How do you classify it?
11. List the sites of cancer in the lip and oral cavity.
12. Explain the functions of nasopharynx and hypopharynx.
13. List the clinical features of nasopharyngeal cancer.
14. List all the tumours of oropharynx.
15. What are the different types of congenital tracheoesophageal fistula?
16. Write a brief note on esophageal fibrovascular polyp.
17. How does lower esophageal sphincter function?
18. Discuss briefly on the different types of esophageal rings



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Bachelor in Audiology and Speech– Language Pathology
Semester-II June/July 2025 Examination.

TIME –2.30 Hrs.

MAX MARKS: 80

Speech-language Pathology
QP Code: S2340

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

Long Essay

2 x 10 = 20 marks

1. How do you assess a child with unclear speech?
2. Explain the meaning and significance of delayed stimulus presentation, recast, focused stimulation and whole language approach.

Short Essays

6 x 5 = 30 marks

3. Explain Wepman's model.
4. What is AAC? Explain the types of AAC.
5. Elucidate the advantages of individual and group therapy.
6. Briefly explain any 5 phonological processes.
7. What are the causes of language disorders?
8. Write a note on National Trust Act.

Short Answers

10 x 3 = 30 marks

9. Define impairment, disability, and handicap.
10. What are the three diagnostic goals given by Nation & Aron?
11. What are the different tools for diagnosis?
12. Name any three types of diagnosis.
13. Write a short note on each of the three approaches to speech and language therapy?
14. What are the basic requirements needed to set up a speech and language therapy clinic?
15. Explain the importance of documentation in patient care.
16. Explain briefly the role of itinerant speech therapist.
17. What are the goals of community based rehabilitation?
18. What is the importance of evidence based practice?



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Bachelor in Audiology and Speech– Language Pathology
Semester-II June/July 2025 Examination.

TIME –2.30 Hrs.

MAX MARKS: 80

Audiology
QP Code : S2350

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

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

- 1 Describe any two acquired pathologies of the inner ear that may lead to hearing loss in adults
- 2 Discuss the importance of case history taking with appropriate illustrations

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

- 3 Compare and contrast the following related to speech audiometry
 - a) Live voice vs. recorded voice presentation
 - b) Open set vs. closed set responses
- 4 Discuss the need for having appropriate test environment for carrying out audiometry. Comment on the permissible noise levels in the audiometric room.
- 5 Define speech recognition threshold. Describe any one procedure for speech recognition threshold estimation with an illustration
- 6 Define inter-aural attenuation (IA). Discuss the factors that affect IA
- 7 Describe the rationale for calibration of audiometers
- 8 Describe the following parts of an audiometer with its function
 - a) Frequency dial
 - b) Masking switch

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

- 9 What is an audiometer? Draw a neat block diagram of a pure tone audiometer.
- 10 Write the criteria for AC, BC and speech masking.
- 11 What are the expected findings from Bing, Schwabach and Weber tuning fork test in case of unilateral moderate sensori-neural hearing loss in the left ear?
- 12 Mention two possible risk factors under each of the pre-natal, peri-natal and post-natal conditions which are known to cause hearing loss
- 13 What are the three main factors to be considered while selecting the speech test material?
- 14 Define stenger principle and lateralization. Name the tuning fork test which utilizes this principle.
- 15 What is a bone vibrator? Write the recommended head band tension and the surface area for a bone vibrator as per ANSI (1969) standards.
- 16 What is a syndromic hearing loss? Mention any two autosomal dominant syndrome associated with hearing loss.
- 17 How does the presentation level affect speech identification scores in case of normal hearing individual?
- 18 Draw a neat block diagram of the equipment and setup necessary for intensity calibration through bone vibrator using pure tone



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)**

**Bachelor in Audiology and Speech– Language Pathology
Semester-II Examination June/July 2025**

TIME –2.30 Hrs.

MAX MARKS: 80

**Electronics and Acoustics
QP Code: S2360**

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

Long Essays

2 X 10 = 20 marks

1. Describe the technology with which a speech spectrograph plots the information regarding frequency, time and amplitude of a speech signal?
2. Which are the two types of wave propagation? Which type is involved in propagation of sound waves? How does sound propagate in a medium?

Short Essays

6 X 5 = 30 marks

3. Describe the principle of operation of a distortion product oto-acoustic emission (DPOAE) analyzer.
4. Explain the structure and functioning of a loudspeaker.
5. On the basis of Sabine's formula, explain the methods to reduce reverberation time.
6. Discuss the role of text processing unit and grapheme to phoneme conversion unit in a speech synthesis system.
7. How do you compute the short time energy of a speech signal?
8. With a schematic diagram, explain the basic technology of digital hearing aids.

Short Answers

10 X 3 = 30 marks

9. Briefly describe any one of the frequency domain methods of speech processing.
10. Indicate the difference between a UPS and an inverter.
11. With truth table, explain how a NAND gate functions.
12. Briefly explain the role of RAM in the functioning of a computer.
13. State and explain the formula for finding out acoustic impedance.
14. Distinguish between pitch and frequency of sound.
15. Explain the working principle of Liquid Crystal Displays.
16. How is thyristor used in a switched mode power supply (SMPS)?
17. State how a uni-junction transistor generates click stimuli for ABR and OAEs
18. Differentiate acoustic impedance and admittance.

* * * * *



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Bachelor in Audiology & Speech– Language Pathology

Semester-II Examination June/July 2025

TIME –2.30 Hrs.

MAX MARKS: 80

Child Language Disorders

QP Code: SA2050

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

I Long essay

2x10=20 marks

- 1 Explain the developmental stages with respect to Language Components in children from 0 to 2 years
- 2 Describe various techniques such as modelling, focused stimulation, self-talk, and recasting. Explain how they facilitate language development.

II Short essay

6x5=30 marks

- 3 What is specific Language Impairment? How is it different from Speech-Language Delay?
- 4 Briefly explain the case history protocol for assessing the child with motor and speech delay.
- 5 What is the purpose of developmental scales in language assessment? Give two examples.
- 6 Define Hearing Impairment. write its general, Speech and Language characteristics
- 7 Describe the use of technology and tele-rehabilitation in language intervention for children with communication difficulties.
- 8 Discuss the role of caregivers and families in language intervention. How can they be actively involved in therapy programs?

III Short answer

10x3=30 marks

- 9 What is joint action routine?
- 10 Define ICD and DSM. Why is it important in the field of communication disorders?
- 11 What is ACA?
- 12 List any two syndromes associated with child language disorders.
- 13 What are the components of a case history in language assessment?
- 14 Write any two characteristics of a good standardized language test.
- 15 Define the technique of expansion with an example.
- 16 Give one example each of drill and modelling in therapy.
- 17 Give one example each of aided and unaided AAC.
- 18 Name two professionals typically part of a team managing language disorders.



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)
Bachelor in Audiology and Speech– Language Pathology
Semester-II Examination June/July 2025

TIME –2.30 Hrs.

MAX MARKS: 80

Diagnostic Audiology Basics

QP Code: SA2060

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

I Long essay 2x10=20 marks

- 1 Explain the steps involved in objective calibration of intensity through earphones of a pure tone audiometer.
- 2 What is recruitment? Describe the different types of recruitment.

II Short essay 6x5=30 marks

- 3 Discuss the factors that determine the selection of different tests in a test battery for hearing evaluation
- 4 What are the non-speech tests available for testing functional hearing loss in adults? Explain anyone.
- 5 Differentiate between screening and diagnostic tests in hearing evaluation.
- 6 Comment on the clinical application of OAEs in newborn hearing screening. How does the OAE protocol vary for screening purposes?
- 7 Define OAEs. Discuss the physiological bases and the classification of OAEs.
- 8 A 9-year-old child is suspected to have functional HL. Describe the test battery you would adopt and justify your answer.

III Short answer 10x3=30 marks

- 9 What are the three components of evidence-based practice?
- 10 Define the terms masker, maskee and inter-aural attenuation in respect of clinical masking
- 11 Enumerate the merits and demerits of Stenger test in identifying functional hearing loss
- 12 Mention any three advantages of behavioural tests over physiological tests
- 13 Define calibration. What are the different methods of calibration?
- 14 What is forward-backward bekesy audiometry? How does it help in identifying CP Vs. RCP?
- 15 Define cochlear dead regions. Comment on why pure tone audiometry cannot be used for identifying cochlear dead regions.
- 16 Comment on informal tests for checking functional hearing loss
- 17 Write any three characteristics of spontaneous OAEs (SOAEs)
- 18 Justify the need for including OAEs in the audiological test battery.



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)**

**Bachelor in Audiology and Speech– Language Pathology
Semester-II June/July 2025 Examination.**

TIME –2.30 Hrs.

MAX MARKS: 80

**Linguistics and Phonetics
QP Code: SA2070**

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

Long Essay

2 X 10 = 20 marks

1. Explain the different branches of linguistics.
2. What is transformational generative grammar? Elaborate with examples.

Short Essays

6 X 5 = 30 marks

3. Write a note on diphthongs.
4. What are pure vowels? Give examples.
5. What are the three types of language disorders?
6. Elaborate on the acquisition of morphology by a child in the process of language acquisition.
7. What are the factors influencing second language acquisition?
8. Write a note on the language families of India.

Short Answers

10 X 3 = 30 marks

9. Explain paradigmatic and syntagmatic relationship in language.
10. Explain any three processes of word formation.
11. Describe phonetics.
12. Write any three diphthongs.
13. Perform an immediate constituent analysis for the sentence *'The beautiful girl is playing in the park.'*
14. Write a note on free and bound morphemes.
15. What is the difference between disorder and disability?
16. Briefly explain the semantic stage in language acquisition of a child.
17. Comment on any two problems in second language acquisition.
18. What is bilingualism?



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)**

**Bachelor in Audiology and Speech– Language Pathology
Semester-II June/July 2025 Examination.**

TIME –2.30 Hrs.

MAX MARKS: 80

**Otolaryngology
QP Code: SA2080**

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

Long Essay

2 X 10 = 20 marks

1. Define perichondritis. Describe its etiology, pathology, signs, symptoms and treatment. (2+8)
2. Explain the spread and symptoms of supraglottic, glottic and subglottic cancers.

Short Essays

6 X 5 = 30 marks

3. What is Meniere's disease? Explain the pathophysiology and treatment for Meniere's Disease.
4. What is cholesteatoma? Explain the origin and classification of cholesteatoma.
5. How does adenoids enlarge? Briefly explain the clinical features of the same along with management plan.
6. Explain the aetiological factors, clinical types and management of premalignant lesions of oral cavity.
7. Explain the causes, types and symptoms of esophageal webs and rings.
8. Discuss in brief the process of peristalsis.

Short Answers

10 X 3 = 30 marks

9. Define temporal bone fracture and mention the types.
10. Mention the neural supply of the external ear.
11. Mention the surgical techniques that are done on ear.
12. Define presbycusis and mention its types.
13. List all the tumours of oropharynx.
14. Explain the functions of nasopharynx and hypopharynx.
15. Briefly explain laryngeal web.
16. What are the causes of chronic laryngitis?
17. Discuss briefly on the nerve supply of esophagus.
18. What are the different methods of clinical examination of esophagus?