Reg. No. | | | | | | | | | | | |

SLPH 401

IV Semester M.Sc. (Speech Language Pathology) Examination, July/August 2024
(Semester Scheme)
APHASIA

Time : 3 Hours Max. Marks : 70

UNIT – 1

1. Explain a model used to understand syntactic deficits in individuals with aphasia. **(14×1=14)**

OR

2. Write a note on the following. **(7×2=14)**
   a) Classification of Aphasia
   b) Agnosia.

UNIT – 2

3. How would you differentially diagnose fluent and non-fluent types of aphasia using standardized assessment tools ? **(14×1=14)**

OR

4. Write a note on the following. **(7×2=14)**
   a) BDAE versus WAB
   b) fMRI, MEG and EEG in aphasia assessment.

UNIT – 3

5. Write a note on the following. **(7×2=14)**
   a) Importance of plasticity in aphasia recovery
   b) Physiological mechanisms of recovery.

OR

6. Explain the terms restoration, recruitment, resolution, retraining and functional takeover in the context of aphasia recovery, providing suitable examples. **(14×1=14)**

P.T.O.

UNIT – 4

7. Expand CART, ACT and MOR. Describe the rationale, steps and clinical utility of each. **(14×1=14)**

OR

8. Write a note on the following. **(7×2=14)**
   a) ORLA
   b) Sight word reading.

UNIT – 5

9. Explain two specific techniques to improve word retrieval and lexical processing in individuals with aphasia. **(14×1=14)**

OR

10. Write a note on the following. **(7×2=14)**
    a) AAC for individuals with aphasia
    b) ICF-focused approaches for individuals with aphasia.

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SLPH 402

IV Semester M.Sc. Speech Language Pathology Degree Examination, July/August 2024
(Semester Scheme)
SPEECH LANGUAGE PATHOLOGY IN PRACTICE

Time : 3 Hours Max. Marks : 70

UNIT – 1

1. Describe in detail the scope of practice of speech language pathology in global and Indian scenario. **(14×1=14)**

OR

2. Write an essay on how you will implement your knowledge on acts and legislations related to persons with disabilities in developing better polities and provisions in society. **(14×1=14)**

UNIT – 2

3. a) Discuss the provisions available in India for geriatric population. **(7×1=7)**

   b) Write a note on several government schemes and programmes that can be availed by a person with disability in India. **(7×1=7)**

OR

4. Elaborate on Multilingual and Multicultural sensitivity in therapeutics and management. **(14×1=14)**

UNIT – 3

5. Elaborate on school based services available in India, highlighting regular and special schools. Support your answer through recent studies which prove to have benefitted with the same. **(14×1=14)**

OR

6. Elaborate on various services of speech language pathologists in different set-ups like medical, rehabilitation, research and educational areas. Support your answer with current literature supporting the same. **(14×1=14)**

P.T.O.

UNIT – 4

7. a) Highlight the role of Information and Communication Technology in speech-language pathology practice in India. **(10×1=10)**

   b) Elaborate on issues faced in tele-practice in India. **(4×1=4)**

OR

8. a) Write a note on techniques and principles of remote testing for screening and diagnostic assessment for speech-language disorders. **(7×1=7)**

   b) Propose a plan to overcome these challenges in tele-therapy. **(7×1=7)**

UNIT – 5

9. Elaborate on information resources in speech-language pathology highlighting both electronic and print resources. Focus on evidence based practices in the present scenario. **(14×1=14)**

OR

10. a) Elaborate on advantages of documenting and implementing evidence based practice in speech-language pathology. **(10×1=10)**

    b) Write a note on ICF framework for documentation and report writing. **(4×1=4)**

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SLPS 403

IV Semester M.Sc. Speech Language Pathology Degree Examination, July/August 2024
(Semester Scheme)
COGNITIVE COMMUNICATION DISORDERS

Time : 3 Hours | Max. Marks : 70

UNIT – 1

1. Write an elaborate note on cognitive communication problems in a 67 year old individual who was hit by a sharp object in his head. **(14×1=14)**

OR

2. Enumerate on the management of cognitive rehabilitation in RHD based on ICF classification. **(14×1=14)**

UNIT – 2

3. What is Primary Progressive Aphasia ? Discuss the cognitive communication problems in persons with PPA. **(14×1=14)**

OR

4. Compare and contrast cognitive communication issues in Alzheimer's disease and other dementias. **(14×1=14)**

UNIT – 3

5. Elaborate on differential diagnosis of cognitive communication disorders in adults. **(14×1=14)**

OR

6. As per ICF system discuss the assessment and management of alcohol induced and metabolic disorders. **(14×1=14)**

P.T.O.

UNIT – 4

7. Explain the relationship between aging and quality of life with reference to cognition. Support your answer with recent research evidence. **(14×1=14)**

OR

8. Write an elaborate note on language and cognitive aging. **(14×1=14)**

UNIT – 5

9. Discuss the challenges of cognitive communication approaches to rehabilitation in the elderly. **(14×1=14)**

OR

10. Elaborate on different types AAC strategies used in the management of cognitive communicative disorders. **(14×1=14)**

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AH 401

IV Semester M.Sc. Degree Examination, July/August 2024
(Semester Scheme)
AUDIOLOGY
Implantable Auditory Devices

Time : 3 Hours Max. Marks : 70

UNIT – 1

1. Highlight the assessment and candidacy criteria for middle ear implants with research evidence. **14**

OR

2. Elaborate on the candidacy criteria for bone-anchored hearing aids with research evidence. **14**

UNIT – 2

3. Explain the steps involved in post-operative fitting and programming bone-anchored hearing aids. **14**

OR

4. With literature support, compare and contrast between different types of middle ear implants in detail. **14**

UNIT – 3

5. Describe the surgical procedure for cochlear implantation. **14**

OR

6. Write short notes on :

   a) Electrically evoked compound action potential. **7**

   b) Electrical auditory brainstem response. **7**

P.T.O.

UNIT – 4

7. What are the candidacy criteria for bimodal implantation ? How will you optimize the hearing aid on the contralateral ear for bimodal implants ? **14**

OR

8. How would you evaluate the benefits of cochlear implantation in a 4-year-old child with severe to profound sensorineural hearing loss who has received a unilateral cochlear implant ? Describe the specific audiological assessments you would use to measure the effectiveness of the cochlear implant. **14**

UNIT – 5

9. Describe the audiological and non-audiological criteria for auditory brainstem implants. **14**

OR

10. Explain the subjective and objective methods used for programming auditory brainstem implants. **14**

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AH 401

IV Semester M.Sc. Degree Examination, July/August 2024
(Semester Scheme)
AUDIOLOGY
Implantable Auditory Devices

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AH 402

IV Semester M.Sc. Degree Examination, July/August 2024
(Semester Scheme)
AUDIOLOGY
Advances in the Management of Hearing Loss

Time : 3 Hours Max. Marks : 70

UNIT – 1

1. Write a short note on :

a) Microphone directionality in hearing aids. **7**

b) Data logging in hearing aid. **7**

OR

2. A hearing aid user complaint of squealing sound and distortion from his hearing aid, what technological modifications can be used in a hearing aid to reduce the same ? **14**

UNIT – 2

3. Explain how LLR and ASSR be utilized in fitting and verification of hearing aids. **14**

OR

4. What are the steps involved in selection, verification, and validation of hearing aid fitting among children ? **14**

UNIT – 3

5. How are the speech cue enhancement strategies such as spectral shape, duration and intensity parameters help in improving speech perception ? **14**

OR

6. Describe different noise reduction strategies used in hearing aids. **14**

P.T.O.

UNIT – 4

7. Describe the care and maintenance of BTE and RIC hearing aids. **14**

OR

8. What are the steps in hearing aid optimization for a hearing aid user with complaint of difficulty in understanding speech in noise and group conversation ? **14**

UNIT – 5

9. Write an essay on models related to tinnitus management. **14**

OR

10. How do you apply the Tinnitus Retraining Therapy for an older individual with hearing loss and tinnitus ? **14**

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AH 402

IV Semester M.Sc. Degree Examination, July/August 2024
(Semester Scheme)
AUDIOLOGY
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AS 403

IV Semester M.Sc. Degree Examination, July/August 2024
(Semester Scheme)
AUDIOLOGY
Audiology in Practice

Time : 3 Hours Max. Marks : 70

UNIT – 1

1. Explain in detail.
   a) The role of Audiologist as a policy maker. **7**
   b) Health and family welfare measures related to persons with hearing impairment. **7**

OR

2. a) Highlight on the importance of professional ethics in Audiology. **7**
   b) Briefly describe RPwD Act. **7**

UNIT – 2

3. Explain the importance of disability friendly environment and comment on its availability in India. **14**

OR

4. Describe in detail how will you conduct an early identification program in a rural area. **14**

UNIT – 3

5. a) Highlight on family empowerment programs in India. **7**
   b) Community based practice in urban India. **7**

OR

6. Highlight on various apps available for hearing, screening and assessment with literature support. **14**

P.T.O.

UNIT – 4

7. a) What are the limitations of tele-practice in Audiology ? **7**

   b) Principles of remote testing for diagnostic audiological assessment. **7**

OR

8. Elaborate on the infrastructure requirements for video-conferencing and tele-practice in audiology. **14**

UNIT – 5

9. a) Explain the role of Audiologist in medico-legal cases. **7**

   b) Importance of documentation in audiological practice. **7**

OR

10. Elaborate on evidence-based practice in Audiology. **14**

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AS 403

IV Semester M.Sc. Degree Examination, July/August 2024
(Semester Scheme)
AUDIOLOGY
Audiology in Practice

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