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

SLPH 401

IV Semester M.Sc. Speech Language Pathology Degree Examination, August 2023
(Semester Scheme) (2020 – 22 Batch Onwards)
APHASIA

Time : 3 Hours Max. Marks : 70

UNIT – 1

1. a) Explain sentence comprehension impairment in persons with aphasia. 7

   b) Explain syntactic deficits in Persons with aphasia. 7

   OR

2. Explain lexical deficits in persons with aphasia. Justify the statement with recent research evidence. 14

UNIT – 2

3. A case of 45 year old came to the hospital with the complaint of reduced comprehension, good fluency skills, intact repetition skills, moderate naming skills and better reading and writing. In this instance, as a Speech Language Pathologist, how do you arrive at the diagnosis ? Differentially diagnose this condition with anomic aphasia. 14

   OR

4. Critically evaluate Indian test batteries used to assess persons with aphasia. Opine your view on possible modifications that can be inculcated in these test batteries. 14

UNIT – 3

5. a) Explain the pattern of recovery in persons with aphasia. 7

   b) Write a note on principles of neural plasticity. 7

   OR

6. Explain the recovery pattern specific to bilingual and multilingual aphasia and support your answer with recent research evidence. 14

P.T.O.

UNIT – 4

7. Explain the dual route model and its significance. Justify the statement with recent research evidence. **14**

OR

8. a) Neuroanatomical substrates of writing. **7**

   b) Write a note on different types of acquired alexia. **7**

UNIT – 5

9. Explain the importance of holistic intervention in persons with aphasia. As Speech-Language Pathologists (SLPs) explain in detail about the combination of speech and language interventions that can be applied in persons with aphasia to promote a better quality of life. **14**

OR

10. A case of 50-year-old male manifests impairment in spontaneous speech, repetition and naming. In this instance, design the tailored made intervention plan to remediate the aforementioned deficits with suitable activities and materials. **14**

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SLPH 402

IV Semester M.Sc. Degree Examination, August 2023
(Semester Scheme) (2021 – 22 Batch Onwards)
(Speech Language Pathology)
PRACTICES IN SPEECH LANGUAGE PATHOLOGY

Time : 3 Hours Max. Marks : 70

UNIT – 1

1. Elaborate on scope of speech language pathology across a global scenario. **14**

OR

2. Write an essay on your role as a speech-language pathologist in the formulation of acts, regulations and policies. **14**

UNIT – 2

3. a) Elaborate on need for specialized programs for geriatric population with disability. **10**

   b) Discuss the provision of disability-friendly environment available in India. **4**

OR

4. a) Discuss the multilingual issues you face in therapeutic practice in speech-language pathology in India. **7**

   b) Write a note on several prevention and early identification programs that can be availed by a person with disability in India. **7**

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**

OR

6. a) Briefly comment on community based practice in rural and urban areas. **7**

   b) Elaborate on various approaches and programs on home based delivery of therapeutic services. **7**

P.T.O.

UNIT – 4

7. a) Elaborate on challenges and limitations of tele-practice in speech-language pathology each in screening, assessment and evaluation, selection of aids and appliances, therapeutics and counselling. **10**

   b) Describe in brief the areas you (as SLP) would like to improvise in tele-therapy. **4**

OR

8. Elaborate on techniques/principles of remote testing used for screening and diagnostic assessment for speech-language, intervention and counselling. **14**

UNIT – 5

9. Elaborate on the importance of team-approach in speech-language pathology. **14**

OR

10. Elaborate on quality control and auditing principles in speech language pathology practice. **14**

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SLPS 403

IV Semester M.Sc. Degree Examination, August 2023
(Semester Scheme) (2021-22 Batch Onwards)
SPEECH LANGUAGE PATHOLOGY
Cognitive Communication Disorders

Time : 3 Hours Max. Marks : 70

UNIT – 1

1. Discuss in detail the cognitive communication deficits in RHD. **14**

OR

2. With the help of any two models explain the cognitive-linguistics processes. **14**

UNIT – 2

3. Illustrate on the pathophysiology, and intervention of cognitive communication problems in Alzheimer's disease. **14**

OR

4. Discuss the evaluation and management of communicative aspects in dementia. **14**

UNIT – 3

5. Critically evaluate the assessment of swallowing in persons with cognitive communication disorders. **14**

OR

6. Compare and contrast the cognitive communication deficits in alcohol induced and metabolic disorders. **14**

P.T.O.

UNIT – 4

7. With the help of any two theories discuss about aging and its relation with cognitive communicative disorders. **14**

OR

8. Write an elaborate note on the age related changes in the systems of speech production. **14**

UNIT – 5

9. Discuss on language as sociocultural phenomenon in aging. **14**

OR

10. a) Write about the team and partnership involved in dealing with individuals with CCD. **7**

    b) Role of AAC in intervention of cognitive communication disorders. **7**

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AH 401

IV Semester M. Sc. Audiology Degree Examination, August 2023
(Semester Scheme) (2020-22 Batch Onwards)
IMPLANTABLE AUDITORY DEVICES

Time : 3 Hours Max. Marks : 70

UNIT – I

1. Explain the candidacy assessment and candidacy criteria for cochlear implantation. **14**

OR

2. a) Compare and contrast candidacy criteria for bone anchored hearing aids and middle ear implants. **8**

   b) Highlight the safety standards and regulation for implantable hearing devices. **6**

UNIT – II

3. a) Explain the trouble shooting of bone anchored hearing aids and middle ear implants. **10**

   b) Highlight the contraindications for middle ear implants. **4**

OR

4. Explain the types of bone anchored hearing aid and its components. Discuss its benefits for understanding speech compared to air conduction hearing aids. **14**

UNIT – III

5. Compare speech perception through different speech processing strategies used in cochlear implants. **14**

OR

6. a) Explain the spectral based speech processing strategies used in cochlear implant. **8**

   b) Write a note on surgical complications of cochlear implantation. **6**

P.T.O.

UNIT – IV

7. Write an essay on behavioural and objective methods for mapping cochlear implant. **14**

OR

8. Discuss the procedure for optimizing MAP in cochlear implant. **14**

UNIT – V

9. a) Describe the candidacy criteria for auditory midbrain implants. **8**

   b) Explain the current limitations and future developments/requirements needed for auditory brainstem implants. **6**

OR

10. a) Write a note on assessment of benefit from auditory brainstem implants. **8**

    b) Write a note on candidacy criteria for auditory brainstem implants. **6**

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AH 402

IV Semester M.Sc. Audiology Degree Examination, August 2023
(Semester Scheme) (2020 – 22 Batch Onwards)
ADVANCES IN MANAGEMENT OF HEARING LOSS

Time : 3 Hours Max. Marks : 70

UNIT – I

1. a) Write the application of Wireless technology in hearing aids. 7
   b) How would you control electromagnetic interference in hearing aids ? 7

   OR

2. Describe the electroacoustic measurement of non-linear digital hearing aids and the latest norms specified by Indian standards on hearing aids electroacoustic measurements. 14

UNIT – II

3. a) Critically evaluate the prescriptive methods of hearing aid selection of a non-linear digital hearing aid. 10

   b) Write the role of ALLR in hearing aid fitting verification. 4

   OR

4. Discuss the special considerations while fitting hearing aids for children. 14

UNIT – III

5. Write briefly about the methods to enhance speech perception through hearing aids and hearing devices. 14

   OR

6. Factors affecting speech perception through hearing aids. 14

P.T.O.

UNIT – IV

7. Highlight the importance of various outcome measures to determine the utility of hearing devices. **14**

OR

8. What is the importance of measuring therapy outcomes ? How will you assess the therapy outcome ? **14**

UNIT – V

9. With suitable illustrations, elaborate on the application of neurophysiological model in the management of tinnitus. **14**

OR

10. How does rehabilitation differ for a child with deaf-blindness from that for a child with hearing impairment alone ? **14**

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AS 403

IV Semester M.Sc. Audiology Degree Examination, August 2023
(Semester Scheme) (2020 – 22 Batch Onwards)
AUDIOLOGY IN PRACTICE

Time : 3 Hours Max. Marks : 70

UNIT – I

1. Explain the role of Audiologist in the formulation of acts and regulations pertaining to hearing impaired individuals. **14**

OR

2. Write short notes on :
   a) RCI Act. **7**
   b) PWD Act. **7**

UNIT – II

3. What is the need for specialized programs in Audiology for multiple disabled individuals ? **14**

OR

4. What are the healthcare schemes available for disabled individuals in India. **14**

UNIT – III

5. What are the services provided by Audiologist in Medical setups ? **14**

OR

6. Write short notes on :
   a) Any 2 home visit programmes. **7**
   b) Apps available for hearing screening/assessment. **7**

P.T.O.

UNIT – IV

7. Discuss the challenges and limitations of Tele practice in Audiology. **14**

OR

8. What are the methods employed for diagnostic audiological assessment using tele-audiology ? **14**

UNIT – V

9. Explain in detail the procedures involved in planning private practice in Audiology. **14**

OR

10. Explain the application of ICF in audiological practices with a case scenario. **14**

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