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||||| M-4102

Sl.No. 0046

Total No. of Pages : 2

**VI Semester B.ASLP Examination, September-2021**  
**(Scheme : CBCS)**  
**SPEECH & HEARING**  
**Speech-Language Pathology and Audiology in Practice**

Time : 3 Hours

Max. Marks : 80

**Instructions:** a) Answer all questions.  
b) All questions carry equal marks.

- I. 1) a) How institutional based rehabilitation is different from community based rehabilitation. [10]  
b) Write the functions of Speech and Hearing centers with reference to school and hospital set-ups. [10]

OR

- 2) a) Explain various levels of prevention using appropriate examples by keeping hearing disorders in mind. [15]  
b) What are procedural coding system and clinical modification of ICD-10. [5]

- II. 3) a) Explain the significance of Consumer Protection Act and how it influence the Speech & Hearing experts? [8]  
b) Describe the Code of Ethics proposed by Indian Speech and Hearing Association for Speech-Language Pathologist and Audiologist. [8]  
c) List out the area of disabilities covered in National Trust Act. [4]

OR

- 4) a) Describe the roles and responsibilities of Rehabilitation Council of India related to training of rehabilitation professionals. [8]  
b) Explain briefly how the rights of persons with disability are protected in India. [7]  
c) Discuss the relevancy of Right to Information Act to Speech & Hearing professionals. [5]

P.T.O.

- III. 5) a) How audiologists and speech-language pathologists do documentation of online clinical practice? [8]  
b) What are the different types of records to be maintained in a Speech & Hearing clinics? [6]  
c) Write the salient features of Data Protection Act. [6]

OR

- 6) a) Explain different factors to be considered for establishing a Hearing Clinic in your city. [7]  
b) Describe the procedures involved in procuring equipments for a Government organization. [7]  
c) List out the reasons for failure of public education methods in reaching the public on communication disorders. [6]

- IV. 7) a) Write a short note on Ethics and regulations of tele-practice. [10]  
b) List out few hindrances for tele-practice in developing countries like India. [5]  
c) Write few applications that are often used for tele-practice as well as their drawbacks. [5]

OR

- 8) How do you carry out the diagnostic tests using tele-technology for the following: [4 × 5 = 20]  
a) Pure tone audiometry  
b) Speech audiometry  
c) Video otoscopy  
d) Tympanometry



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**VI Semester B.ASLP Examination, September - 2021**

**(Scheme : CBCS)**

**SPEECH & HEARING**

**Implantable Hearing Devices and Hearing Aid Fitting**

**Time : 3 Hours**

**Max. Marks : 80**

**Instruction: Answer all questions.**

- I. 1) a) Write a note on listening needs assessment and the importance of the same in hearing aid fitting. [10]  
b) Describe the procedure for verification of hearing aids using insertion gain measurements. [10]

OR

- 2) a) Describe different threshold- based prescriptive procedures available for non-linear hearing aids. Which one of them would you choose to program hearing aids and justify your selection. [15]  
b) Explain the role of long latency auditory potentials in hearing aid fitting/ outcome measurement. [5]

- II. 3) a) How is the hearing aid fitting in children different from that of adults. [5]  
b) What changes in the hearing aid fitting protocol and procedure would you make while fitting hearing aids to an elderly individual with hearing loss and why? [5]  
c) Write a note on choice and fitting of an assistive listening device for a school going child with hearing loss wearing binaural behind the ear hearing aids. [10]

OR

- 4) a) Write an essay on different subjective and objective outcome measures of hearing aid. [15]  
b) Describe the role of hearing aids in the management of conductive hearing loss. [5]

*P.T.O.*

III. 5) Write the candidacy criteria for the following devices.

- a) Bone conduction implants. [5]
- b) Middle ear implants [5]
- c) Cochlear implants. [10]

OR

- 6) a) Define speech coding strategies. Explain different speech coding strategies of different makes of cochlear implants. [15]
- b) Describe the components and working of bone conduction implantable devices. [5]

- IV. 7) a) Describe the role of ~~parents in~~ ear molds in modifying the acoustics of speech of signal. [10]
- b) Explain in detail the steps involved in trouble shooting of a hearing aid with distorted output. [10]

OR

- 8) a) What are the different styles of ear molds that can be coupled with a behind the ear hearing aid? Which type of ear mold would you recommend for a child with bilateral severe to profound hearing loss wearing behind the ear hearing aid? Justify your selection. [10]
- b) Write an essay on the counselling the parent of a child with hearing impairment on daily care and maintenance of hearing aids. [10]



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**VI Semester B.ASLP Examination, September - 2021**

**(Scheme : CBCS)**

**SPEECH & HEARING**

**Environmental Audiology**

**Time : 3 Hours**

**Max. Marks : 80**

**Instruction: Answer all questions.**

**I. 1) a) Prepare a write-up for industrial workers on auditory and non-auditory effects of noise. [15]**

**b) Mention the benefits of Hearing protection. [5]**

**OR**

**2) a) Compare and contrast TTS & PTS. [10]**

**b) Write notes on factors affecting TTS and its recovery. [10]**

**II. 3) a) List the audiological tests for NIHL. [5]**

**b) What is the role of audiological tests in evaluation of individuals exposed to workplace noise? Elaborate. [15]**

**OR**

**4) a) Write in detail on any two tests of susceptibility to noise induced hearing loss. [10]**

**b) How do you differentiate audiological findings in NIHL and Presbycusis? [10]**

**III. 5) a) List & explain the instruments for measurement of noise. [10]**

**b) Instrumentation and procedure for measurement of industrial noise and traffic noise are different. Justify. [10]**

**OR**

**6) Elaborate on : [10+10]**

**a) Time weighting networks**

**b) Frequency weighting networks in sound level meter/noise analyser.**

**P.T.O.**

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- IV. 7) a) List the steps in HCP and explain briefly. [5]  
b) Prepare a write-up for implementing hearing conservation program in an industry with high noise levels. [15]

OR

- 8) a) List the types of HPDs and write two sentences on each. [5]  
b) Write briefly on the factors to be considered while procuring hearing protective devices for industrial workers. [15]



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Sl. No. 500004

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VI Semester B.ASLP Examination, September - 2021

(Scheme : CBCS)

SPEECH & HEARING

Language Disorders in Adults

Time : 3 Hours

Max. Marks : 80

- Instructions :*
- 1) *Answer all the questions.*
  - 2) *Draw diagrams wherever necessary.*

UNIT - I

1. a) Explain different types of aphasia using Boston classification system. [15]  
b) Write a note on (CVA) Cerebro Vascular Accident. [5]

OR

2. a) Write a note on language centers in cerebral cortex. [10]  
b) Explain Garrett's Model. [10]

UNIT - II

3. a) Elaborate on perceptual deficits in patients with (RHD) Right Hemisphere Damage. [10]  
b) Explain the cognitive linguistic deficits in individuals with (TBI) Traumatic Brain Injury. [10]

OR

4. a) Write a note on types of (PPA) Primary Progressive Aphasia. [12]  
b) Write a note on Pathophysiological findings in Alzheimer's disease. [8]

*P.T.O.*

**UNIT - III**

5. a) Write a note on components of (CLAP) Cognitive Linguistic Assessment Protocol. [10]  
b) Write a note on Spontaneous recovery in Aphasia and factors affecting it. [10]

OR

6. a) Explain the components of (WAB) Western Aphasia Battery. [12]  
b) Write a note on considerations in assessment of bilingual aphasia. [8]

**UNIT - IV**

7. a) Explain the principle and procedure for (VCIU) Voluntary Control of Involuntary Utterance and Deblocking techniques. [12]  
b) Write a note on counselling of Aphasia patients and family members. [8]

OR

8. a) Explain in detail any two treatment techniques for patients with Broca's Aphasia. [12]  
b) Write a note on team approach for aphasia management. [8]



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500060

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**VI Semester B.ASLP Examination, September - 2021**

**(Scheme : CBCS)**

**SPEECH & HEARING**

**Motor Speech Disorders in Adults**

**Time : 3 Hours**

**Max. Marks : 80**

**Instruction : Answer all questions.**

- I. 1. a) Oral and verbal apraxia are two different clinical entities. Justify by describing the characteristics of each in detail. [10]  
b) Describe the different phases of swallow by elaborating on the specific physiological events that occur in each phase. [10]

OR

2. a) Describe the different classification systems used to categorize dysarthria highlighting the need. [15]  
b) Describe the swallowing problems seen in persons with apraxia. [5]

- II. 3. a) Compare and contrast meige syndrome with Guillian Barre syndrome. [8]  
b) Elaborate on the different etiologies that lead to motor speech disorders. [8]  
c) Write a note on tardive dyskinesia. [4]

OR

4. a) Describe any one disorder in detail that leads to mixed dysarthria. [8]  
b) Traumatic brain injury can lead to any type of motor speech disorder. Justify. [7]  
c) Write a note on ataxia telangiectasia and its impact on speech subsystems. [5]

**P.T.O.**

- III. 5. a) Describe the methods of assessing tone and strength of the articulators. [7]
- b) Acoustic analysis is an essential component of dysarthria assessment. Justify. [7]
- c) Write a note on Apraxia Battery for Adults highlighting its purpose. [6]

OR

6. a) A comprehensive swallow examination using subjective methods is sufficient to arrive at an accurate diagnosis. Do you agree with this statement. Justify. [8]
- b) Write a note on the equipments used to track orofacial movements. [6]
- c) Write a note on orosensory examination for persons with motor speech disorders. [6]

- IV. 7. a) Discuss the different management options in patients with dysarthria. [10]
- b) Highlight the difference between intelligibility drill and articulation drill. [5]
- c) Explain the gestural cueing techniques used in the management of apraxia. [5]

OR

8. a) Compare the phonetic placement method with the phonetic derivation method. [5]
- b) Highlight the significance of see scape device in the management of dysarthria. [5]
- c) Explain the rationale behind rehabilitative and compensatory approaches in the management of dysphagia. [5]
- d) Explain the concept of consistent and variable practice in the context of apraxia therapy with suitable examples. [5]

