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 M-399

Sl.No. 0065

Total No. of Pages : 2

VI Semester /B.A.(SLP) Examination, June/July - 2024

(Scheme : CBCS)

SPEECH & HEARING

Motor Speech Disorders in Adults

Time : 3 Hours

Max. Marks : 80

*Instruction: Answer all the questions.*

- I. Q1) a) Define Dysarthria. Describe the various classification systems used to classify Dysarthria with their merits and demerits. [10]  
b) Explain the typical phases of swallowing in a normal adult. Discuss the swallowing difficulties of individuals with Parkinson's disease and Multiple Sclerosis. [10]

OR

- Q2) a) Describe the etiological factor leading to Dysarthria. Briefly write about the prevalence of various types of Dysarthria. [15]  
b) Define Apraxia of Speech. Discuss the salient speech characteristics of Apraxia of speech in adults. [5]

- II. Q3) a) Correlate the perceptual speech characteristics of Parkinson's disease with the salient acoustic and physiological findings. [8]  
b) Describe the findings of oral peripheral mechanism examination of flaccid dysarthria with the lesion to V and X cranial nerves. [8]  
c) Write a short note on Myasthenia Gravis. [4]

OR

- Q4) a) Write a note on speech and non-speech manifestations of Chorea and Dystonia. [8]  
b) Compare and contrast the speech and non-speech features of Spastic and flaccid dysarthria. [7]  
c) Write a short note on 'Bell's Palsy'. [5]

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- III. Q5)** a) Write a note on motor speech examination for individuals with Dysarthria. [7]  
b) Highlight the importance of perceptual analysis in Motor Speech Disorders. [7]  
c) Describe any one objective method to evaluate swallowing difficulties in Dysarthria. [6]

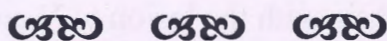
OR

- Q6)** a) Compare and contrast the speech and non-speech characteristics that differentiate Apraxia of Speech from Dysarthria. [8]  
b) Write a note on the importance of Kinematic and acoustic analysis of speech in Motor speech disorders. [6]  
c) Write a short note on V and XII cranial nerve examination. [6]

- IV. Q7)** a) Discuss the phonatory and articulatory goals for individuals with muscle tone disorders of speech. [10]  
b) Describe various 'conditions of practice' in the principles of motor learning to treat motor speech disorders. [5]  
c) Highlight the importance of AAC in any 2 progressive dysarthric conditions. [5]

OR

- Q8)** Write a short note for the following:  
a) Knowledge of Results versus Knowledge of Performance. [5]  
b) Prompts for restructuring oral motor phonetic targets. [5]  
c) Rehabilitative approaches in Dysphagia. [5]  
d) AAC in Apraxia of Speech. [5]



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**VI Semester B.A. (SLP) Examination, June/July - 2024**  
**(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**

- Q1)** a) Explain any one connectionist model of adult language processing. [12]  
b) Write a note on types of brain tumors. [8]

OR

- Q2)** a) Write a note on role of subcortex in language processing. [5]  
b) Explain Lurian aphasia classification system. [15]

**UNIT-II**

- Q3)** a) Explain the stages of dementia. [10]  
b) Write a note on language deficits in schizophrenia. [10]

OR

- Q4)** a) Write a note on visuo-spatial deficits in (RHD) Right Hemisphere Damage. [12]  
b) Write a note on immediate and later effects of (TBI) Traumatic Brain injury. [8]

**UNIT - III**

- Q5)** a) Write a note on components of (RTT) Revised Token Test. [10]  
b) Write a note on prognostic indicators of aphasia. [10]

OR

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**Q6) a)** Write a note on (MMSE) Mini mental state examination and its clinical applications [12]

b) Explain about the theories of spontaneous recovery in aphasia. [8]

**UNIT-IV**

**Q7) a)** Explain about any two therapy techniques to treat Wernicke's aphasia. [12]

b) List the components to be included to prepare home therapy plan for a patient with Anomia. [8]

**OR**

**Q8) a)** Write a note on rights of persons with aphasia. [12]

b) Write a note on Semantic feature analysis. [8]



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VI Semester B.A. (SLP) Examination, June/July - 2024

(Scheme : CBCS)

SPEECH & HEARING

Environmental Audiology

Time : 3 Hours

Max. Marks : 80

*Instruction : Answer all the questions.*

I. Q1) a) Explain the non-auditory effects of noise exposure. [15]

b) Explain the factors affecting auditory Temporary Threshold Shift (TTS). [5]

OR

Q2) a) Explain the various sources and types of noise in the environment. [15]

b) Detail on the effect of noise on central auditory processing. [5]

II. Q3) a) Explain how to monitor the hearing in individuals exposed to occupational noise. [15]

b) How to test for susceptibility to noise induced hearing loss? [5]

OR

Q4) a) Explain the test procedure used in audiological evaluation of individuals with suspected occupational hearing loss? [10]

b) Highlight on the importance of auditory evoked potentials in evaluating NIHL? [10]

III. Q5) a) Write a short note on CHABA. [7]

b) Detail on the instrumentation for measuring road noise. [6]

c) Define damage-risk criterion (DRC) as detailed by OSHA? How is DRC established? [7]

OR

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- Q6) a) Write a note on different types of instruments used in measuring occupational noise exposure? [10]  
b) Explain Indian acts or regulations related to noise. [10]
- IV. Q7) a) What is the need for hearing conservation program? Explain the role of an Audiologist in hearing conservation? [15]  
b) Explain the types and noise attenuation characteristics of various hearing protective devices. [5]

OR

- Q8) a) Explain the procedure for effectively carrying out hearing conservation program. [15]  
b) Explain auditory toughening/conditioning. [5]



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VI Semester B.Sc./B.A. (SLP) Examination, June/July - 2024

(Scheme : CBCS)

**SPEECH AND HEARING**

**Implantable Hearing Devices and Hearing Aid Fitting**

Time : 3 Hours

Max. Marks : 80

*Instruction : Answer all questions.*

I. Q1) Elaborate on hearing aid selection through. [15+5]

a) Prescriptive approach.

b) Comparative approach.

OR

Q2) a) List the hardware and software requirements of programming hearing aids. [10]

b) Through programming, how would you solve the following complaints by a hearing aid user. Own voice sounding very loud, and dishes rattling in a restaurant is uncomfortable. [10]

II. Q3) Mention the considerations to be kept in mind while fitting hearing aids for children. [20]

OR

Q4) List out five outcome measures of hearing aids. Briefly explain any two of them. [20]

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III. Q5) Write in detail about the candidacy for cochlear implants. [20]

OR

Q6) What are the indications for middle ear implants? Write a note on benefits and limitations of middle ear implants. [20]

IV. Q7) Write in detail on the steps involved in making soft shall earmold for a two year old child. [20]

OR

Q8) What information on care and trouble shooting will you provide to the parent of a child who has been prescribed binaural BTE hearing aids? [20]





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VI Semester B.A. (SLP) Examination, June/July - 2024

(Scheme : CBCS)

**SPEECH AND HEARING**

**Speech-Language Pathology & Audiology in Practice**

Time : 3 Hours

Max. Marks : 80

- Instructions :* 1) Answer all questions.  
2) All questions carry equal marks.

- I. Q1) a) Define Epidemiology. Write the research findings on prevalence of communication disorders in Indian context. [10]  
b) Describe the essential factors to be considered in private practice by Audiologist and speech-language pathologists. [10]

OR

- Q2) a) Describe the importance of evidence based approach in clinical audiology practice. [10]  
b) How will you organize a screening camp for speech and hearing nearby a rural area? [10]

- II. Q3) a) Write short notes on : [2×5=10]  
i) Rehabilitation Council of India Act  
ii) Noise Pollution Act  
b) Describe the facilities and concession provided to individuals with speech and hearing disability by the Government of India. [10]

OR

- Q4) a) Describe the salient features of National Trust Act. [10]  
b) Write short notes on : [2×5=10]  
i) Calculation of percent hearing disability as per RPWD Act.  
ii) List of disorders considered as speech disability as per RPWD Act.

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- III. Q5) a) What factors would you take into account when recruiting a suitable candidate for speech & hearing clinic? [10]
- b) Write short notes on : [2×5=10]
- i) Casual leave (CL)
  - ii) Earned leave (EL)

OR

- Q6) a) Describe Budget Estimate (BE) and Revised Estimate (RE). [10]
- b) How would you organise a national workshop on a specific topic of your choice? [10]

- IV. Q7) a) Compare and contrast 'conventional face-to-face' and 'tele-practice' mode of hearing, language and speech service delivery. [10]
- b) 'Tele-health practice in Speech and Hearing is the need of the hour Justify. [10]

OR

- Q8) a) Write short notes on the following tele-health modes. [3×4=12]
- i) Synchronous mode
  - ii) Asynchronous mode
  - iii) Hybrid mode
- b) Discuss any two freely available applications for tele-practice in Audiology & Speech-language Pathology. [8]

