



IV Semester M.Sc. (AUD.) Examination, May/June 2015  
(Scheme : CBCS)

Audiology  
Assessment and Management of Central Auditory Processing  
Disorders (HC)

Time : 2 Hours

Max. Marks : 50

**Instruction :** Answer all questions.

- I. 1) Describe how age of children has an impact on the performance on different auditory processing tests. 15
- OR
- 2) a) Write notes on the purpose of classifying auditory processes. 10  
b) Briefly describe any classification that meets the purposes described above. 5
- II. 3) a) Mention the APD tests that you would administer for a 10 year old child whose main problems are poor performance in school despite normal IQ and normal peripheral hearing. 5  
b) Justify choosing each of the tests. 5
- OR
- 4) Describe the link between behavioural and electrophysiological tests in children having problems with auditory integration and separation. 10
- III. 5) Describe different metalinguistic strategies that can be used with children with APD. Provide examples. 15
- OR
- 6) a) Write the need to carryout phoneme synthesis training in individuals with auditory processing problems. 5  
b) Describe ways in which phoneme synthesis training can be done. 10
- IV. 7) What is the role of audiologists and special educators in the management of children with auditory processing disorders ? 10
- OR
- 8) Discuss ways in which temporal processing abilities can be enhanced in individuals with auditory processing. 10
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**IV Semester M.Sc. (Aud.) Examination, May/June 2015**  
**(Scheme : CBCS)**  
**Audiology**  
**Audiology in Practice (Hard Core)**

Time : 2 Hours

Max. Marks : 50

***Instruction : Answer all questions.***

- I. 1) How important is the maintenance of records and auditing in private practice ?  
Discuss. 15
- OR
- 2) Discuss the role of different statutory bodies, in preventing malpractices in  
Audiology in India. 15
- II. 3) Discuss the scope of industrial audiologist and their role in hearing conservation. 10
- OR
- 4) What are the roles of audiologist in neurological and paediatric set up ? 10
- III. 5) Discuss the pros and cons of telepractice in Audiology in India. 15
- OR
- 6) Discuss the impact of reverberation on speech perception and ways to reduce  
reverberation time in a classroom set up. 15
- IV. 7) Write a note on UNCRPD. 10
- OR
- 8) Write a note on welfare measures that are available to individuals with hearing  
impairment. 10
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**IV Semester M.Sc. (Audiology) Examination, May/June 2015  
(Scheme : CBCS)**

**Audiology**

**Speech Perception in Clinical Population (Hard Core)**

Time : 2 Hours

Max. Marks : 50

***Instruction : Answer all questions.***

- I. 1) Enumerate on perception of semivowels in individuals with hearing impairment support from literature. 10
- OR
- 2) 'Degree and type of hearing loss has an effect on perception of Vowels in individuals with hearing impairment'. Justify the statement with relevant studies. 10
- II. 3) Explain perception of segmental cues through visual modality. What are the suprasegmental and coarticulation cues that are important in speech perception ? (10+5)
- OR
- 4) How do we perceive speech through the tactile modality ? Explain the perception of suprasegmentals through the tactile modality. 15
- III. 5) What are the various features of the external device of cochlear implant that influence speech perception ? Explain with appropriate studies. 15
- OR
- 6) Write on :
- a) Effect of number of electrodes on speech perception. 5
- b) Speech perception through auditory brainstem implant. 5
- c) Effect of channels on speech perception in hearing aids. 5
- IV. 7) Discuss stimulus based factors that influence speech intelligibility. 10
- OR
- 8) a) How do we apply speech intelligibility tests in the area of evaluation ? 5
- b) How does reverberation time influence speech perception ? Explain briefly. 5