

31931



MP-1304

Sl.No. 0029

Total No. of Pages : 2

IV Semester M.Sc. Examination, July - 2025

(Scheme : CBCS)

AUDIOLOGY

Assessment and Management of Central Auditory Processing Disorders

Time : 2 Hours

Max. Marks : 50

Instruction : Answer all questions.

I. 1. Write a note on the maturation of binaural processing. [10]

OR

2. Describe any two screening questionnaire for the screening of CAPD in children. [10]

II. 3. Describe the behavioural tests to assess:

a) Binaural interaction. [15]

b) Temporal ordering.

c) Auditory memory and sequencing.

OR

4. What are the subject and procedural related factors affecting the assessment of CAPD? [15]

III. 5. Write note on: [10]

a) Devices used for the management of CAPD.

b) Phoneme synthesis training

OR

P.T.O.

6. What are the environmental modifications that need to be considered in a school set up. [10]

- IV. 7. Write a lesson plan for a child with deficits in temporal processing and speech in noise perception. [15]

OR

8. Describe the auditory perceptual training for binaural integration and separation. [15]



31932



MP-1305

Sl. No. 0013

Total No. of Pages : 2

IV Semester M.Sc. Examination, July - 2025

(Scheme : CBCS)

AUDIOLOGY

Audiology in Practice

Time : 2 Hours

Max. Marks : 50

Instruction : Answer all questions.

- I. 1. What are the modifications required to carryout listening training for a five year old child through telemode, when compared to face-to-face therapy? [15]

OR

2. Highlight the difference in the scope of work of an audiologist working in the following set-ups: [15]
- a) Industrial set-up vs hospital set-up
 - b) School vs rural set-up
 - c) Neurological set-up vs Paediatric set-up

- II. 3. What would be the difference in the infrastructure requirements for an audiological set-up in the following three setups: [15]

- a) remote rural area
- b) urban area
- c) medical college

OR

4. a) Write notes on the need to carry out an audit of a speech and hearing college. [10]
- b) List the authorities who would require to give permission for the college and mention what permission they would have to give. [5]

P.T.O.

31932

MP-1305

III. 5. Write notes on the scope of the following in the prevention and identification of hearing loss:

- a) Social Justice and Empowerment. [5]
- b) Health and Family Welfare. [5]

OR

- 6. a) List at least five different documents/acts where audiologists should be included while drafting amendments in policies for those with hearing loss and/or for those working in the field of audiology. [5]
- b) Describe briefly the suggestions you would make for any one such act. [5]

IV. 7. A client from your clinic has filed a complaint against your service in the district court. Describe what documents you would submit to the court and the action you would take. [10]

OR

- 8. An industrial worker files a case in an Indian court of law stating that he developed a hearing loss on account of his job. Describe how an audiologist would serve as an expert witness in this situation. [10]

31933



MP-1306

Sl. No. 0055

Total No. of Pages : 2

IV Semester M.Sc. Examination, July - 2025

(Scheme : CBCS)

AUDIOLOGY

Speech Perception in Clinical Population

Time : 2 Hours

Max. Marks : 50

Instruction : Answer all questions.

I. 1. How are the cues used by those with mild sensorineural hearing loss different from those with profound sensorineural hearing loss for the following: [15]

- a) Stops
- b) Fricatives
- c) Vowels

OR

2. How does the steepness of hearing loss affect the perception of stridents and nonstridents? [15]

II. 3. 'Individuals with hearing impairment have difficulty in utilising coarticulation cues.' Justify the statement with support from literature. [10]

OR

4. Write notes on how coarticulation perception is affected by the following: [10]

- a) Degree of hearing impairment
- b) Slope of audiogram

P.T.O.

31933

MP-1306

- III. 5.** The input dynamic range of cochlear implants affects speech perception in different ways. Write notes comparing how it is affected in different companies. [15]

OR

- 6.** Describe the impact of the different ways speech perception is improved in the presence of background noise in cochlear implants. Provide support from literature for the utility of one strategy over the other. [15]

- IV. 7.** Describe ways in which speech intelligibility index has been modified so that it can predict behavioural speech identification better. [10]

OR

- 8.** Why do individuals with hearing impairment have more difficulty than normal hearing individuals in hearing speech in the presence of noise? Answer with support from literature. [10]

