

31931



M-4125

Sl. No. 0042

Total No. of Pages : 2

IV Semester M.Sc. Examination, September/October - 2020

(Scheme : CBCS)

AUDIOLOGY

Assessment and Management of Central Auditory Processing Disorders

Time : 2 Hours

Max. Marks : 50

Instruction : Answer all questions.

I. 1. What is the association between screening tools for APD and diagnostic tests for APD? [10]

OR

2. Compare maturation of temporal processing with that of the maturation of binaural integration and auditory separation. [10]

II. 3. What are the factors that affect the assessment of binaural integration? [15]

OR

4. Electrophysiological tests have limited use in the diagnosis of auditory processing disorders. Critically evaluate the statement. [15]

III. 5. A 10 year old child fails a SPIN test, dichotic digit test and an auditory memory test.

a) Justify the order in which you would provide the training. [5]

b) Describe the management procedure for the child. [10]

OR

6. Describe the importance of the following in children with APD :

a) Vigilance training [5]

b) Phoneme synthesis training [5]

c) Hearing aids with remote microphone [5]

P.T.O.

31931

M-4125

- IV. 7. With the use of examples, explain how vocabulary building can be improved in a child with metalinguistic and metacognitive problems. [10]

OR

8. Prepare a lesson plan to train a 8 year old child diagnosed to have binaural auditory separation problem. Also indicate how the training activity can be done outside the therapy situation. [10]



31932



M-4126

Sl. No. 0028

Total No. of Pages : 2

IV Semester M.Sc. Examination, September/October - 2020

(Scheme : CBCS)

AUDIOLOGY

Audiology in Practice

Time : 2 Hours

Max. Marks : 50

Instruction : Answer all questions.

- I. 1. Discuss the challenges faced in setting up and practicing in a private set-up. [10]

OR

2. Write a short notes on :

- a) Role of Audiologist in the Hearing Conservation Program. [5]
b) What are the limitations of Tele-practice in Audiology? [5]

- II. 3. a) What is the significance of Auditing in an Audiology set-up? How is auditing done in an Audiology set-up? [10]

- b) What are the factors to be considered while designing an acoustically treated room? [5]

OR

4. What are the requirements and stages of setting up a speech and hearing college? [15]

III. 5. Explain in brief:

- a) Role of an audiologist as a policy maker for Rehabilitation Council of India. [5]
b) Role of Non-Government Organization in the field of rehabilitation. [5]
c) Role of Ministry of Social Justice and Empowerment in the area of disability. [5]

P.T.O.

31932

M-4126

OR

6. a) Define the role of Audiologist as a policy maker. [10]
b) What are the facilities available for hearing impaired individuals in India? [5]

IV. 7. Highlight on the following :

- a) RCI Act [5]
b) Report writing in Audiology [5]

OR

8. Explain the role of an audiologist as an expert advice [10]



31933



M-4127

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(Scheme : CBCS)

AUDIOLOGY

Speech Perception in Clinical Population

Time : 2 Hours

Max. Marks : 50

Instruction : Answer all questions.

- I. 1. Perception of sibilants varies as the degree and configuration of hearing loss varies. Describe. [15]

OR

2. Give reasons as to why the following are difficult to perceive in individuals with hearing impairment : [3 × 5 = 15]

- a) Voicing
- b) Stops
- c) Affricates

- II. 3. Write notes on perception of intonation in individuals with hearing impairment. [10]

OR

4. Describe how the adjacent vowel can influence the perception of consonants in individuals with hearing impairment. [10]

- III. 5. How does the input dynamic range of a cochlear implant influence speech perception? [10]

OR

6. Compare speech perception as a function of number of channels in digital hearing aids. [10]

P.T.O.

31933

M-4127

- IV. 7. Write notes on how perception of speech varies based on the frequency and temporal characteristics of noise in individuals with hearing loss. [15]

OR

8. Describe the relation between articulation index and its modifications to behavioural speech perception. [15]

