31931 M-4125

Sl. No. 0041 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.

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. 0043 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.

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

Sl. No. 0041 Total No. of Pages : 2

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

(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.

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]**