Reg. No. | | | | | | | | |

AH301

Credit Based III Semester M. Sc. Audiology Degree Examination, June 2022

(Semester Scheme) (2020-22 Batch Onwards)

Auditory Processing Disorders

Time: 3 Hours Max. Marks: 70

Unit 1

1) Explain the relationship between neural maturation & auditory processing (14X1=14)

OR

2) Describe the various causesAPDs (14X1=14)

Unit 2

3) Write an essay on the screening tests for APD. (14X1=14)

OR

4) Describe the dichotic tests used in the assessment of APD (14X1=14)

Unit 3

5) Explain the applications of cortical potentials in diagnosing APD's (14X1=14)

OR

6) Describe in detail about the factors affecting the electrophysiological assessment of auditory processing. (14X1=14)

Unit 4

7) Write the role of signal enhancement system & room acousticsin the management of APD (14X1=14)

OR

8) Explain the auditory perceptual training method of APD management. (14X1=14)

Unit 5

9) Describe any two software used in training or assessment of APD (14X1=14)

OR

10) List few open source sound editing software. With the help of appropriate examples, explain the applications of sound editing softwares in customization and development of tests for APD assessment. (14X1=14)

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AH 302

Credit Based III Semester M. Sc. Audiology Degree Examination, June 2022

(Semester Scheme) (2020-22 Batch Onwards)

SPEECH PERCEPTION

Time: 3 Hours Max. Marks: 70

Unit – I

1. Describe any one theory of speech perception and critically evaluation. (14X1=14)

OR

2. Define Normalisation and explain various methods used for normalization of consonants and vowels. (14X1=14)

Unit – II

3. Vowel perception is not affected in individuals with hearing impairment. Comment. (14X1=14)

OR

4. Write notes on the perception of the following In individual's with normal hearing:

a) Affricates

b) Semivowels.

Unit – III

5. Write a note on perception of supra-segmentals in normal hearing and hearing impaired individuals. (14X1=14)

OR

6. How do coarticulatory cues facilitate speech perception? Describe the co-articulatory cues that help perceive consonants. (14X1=14)

Unit – IV

7. What is the role of short term memory in the perception of vowels and consonants? (14X1=14)

OR

8. Discuss applications of dichotic listening in audiology. (14X1=14)

Unit – V

9. Describe the development of speech perception in Infants using the literature. (14X1=14)

OR

10. Discuss and critically evaluate any one theory of infant speech perception. (14X1=14)

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AS 303

Credit Based III Semester M. Sc. Audiology Degree Examination, June 2022

(Semester Scheme) (2020-22 Batch Onwards)

VESTIBULAR SYSTEM AND ITS DISORDERS

Time: 3 Hours Max. Marks: 70

UNIT 1

1. Explain the anatomy of central vestibular pathways. (14X1=14)

OR

2. Describe in detail the vestibular reflexes. (14X1=14)

UNIT 2

3. Elaborate on the recording and interpretation of vestibular evoked myogenic potential(14X1=14)

OR

4. Write short notes on: (a) Rotatory chair test (05X1=05)

(b) Romberg's test (05X1+05)

(c) Dizziness handicap inventory (04X1=04)

UNIT 3

5. Explain the pathophysiology of perilymph fistula and vestibular schwannomas (14X1=14)

OR

6. Explain the pathophysiology of superior semicircular canal dehiscence and multiple sclerosis. (14X1=14)

UNIT 4

7. What are the tests to be included in the battery for the auditory vestibular assessment of meniere's disease?Justify (14X1=14)

OR

8. Elaborate on the audio-vestibular test battery for the assessment of ototoxicity and vestibular neuritis. (14X1=14)

UNIT 5

9. Explain the repositioning maneuvers used to treat BPPV. (14X1=14)

OR

10.Describe the components and working principle of vestibular implant with adequate literature support. Discuss the outcome of the vestibular implants. (14X1=14)

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