

OD 010 (Sp. & Hg.)

**B.Sc. IV Semester Examination, April/May 2005
(Semester Scheme)
Speech and Hearing
Fluency and its Disorders**

Time: 2 Hours

Max. Marks: 50

Instruction: Answer all questions.

1. a) Define fluency and describe its parameters. 6
b) What are fluency inducing conditions ? Give examples. 4

OR

2. a) Explain stress as a phonemic feature in any one of the Dravidian language and English. 6
b) What are the parameters of prosody ? 4
3. a) Describe Track HI of development of stuttering. 4
b) What are overt and covert features of stuttering ? How would you counsel the patients on the significance of these ? 6

OR

4. a) Differentiate stuttering seen in dysarthries from developmental stuttering. 6
b) Give examples of visible and audible blocks in speech and describe how would you manage them. 4
5. a) What are speaking rate and speech rate ? How would you assess rate of speech ? 6
b) Describe any one self rating scale for measuring stuttering behaviour. 4

OR

6. a) Describe stuttering as cerebral dysfunction. 6
b) Describe the genetic basis of stuttering. 4
7. a) Describe modified air flow technique. 6
b) Write a note on 'negative practice'. 4

OR

8. a) Discuss relapse and recovery in stuttering. 6
b) How would you assess outcome of stuttering therapy ? 4
9. a) Write a note on associated problems seen in cluttering. 6
b) Define SAAND. 4
10. a) Describe cluttering as a central language imbalance. 6
b) List four characteristics that differentiate SAAND from developmental stuttering. 4

OD 020 (Sp & Hg)

B.Sc. IV Semester Examination, April/May 2005
(Semester Scheme)
Speech and Hearing
Voice and its Disorders

Time: 2 Hours

Max. Marks: 50

Instruction: Answer all questions. "

- I. 1) Describe the development of voice and factors influencing the same. 10
OR
- 2) a) Write the characteristics of normal voice. 3
b) Describe the use of EGG in voice evaluation. 7
- II. 3) a) Describe the voice characteristics in adductor spasmodic dysphonia. 4
b) What are the therapeutic procedure for adductor spermodic dysphonia ? 6
OR
- 4) a) What is dysphonia plica ventricularis ? 3
b) How do you evaluate and correct voice problembs in puberphonia ? 7
- III. 5) a) Describe what is phonasthenia ? 3
b) What are the different facilitatory therapy approaches for hyperfunctional voice disorders. 7
OR
- 6) Describe the anatomical and physiological changes seen in the larynx of geriatrics. 10
- IV. 7) a) Describe the origin, insertion and branches of SLN. 5
b) Write the voice therapy technique for adductor vocal cord paralysis. 5
OR
- 8) Describe the congenital laryngeal conditions that affect communication development. Mention the management options. 10
- V. 9) Write the causes, assessment and management procedure for hypernasality. 10
- 10) Describe the role of speech pathologist in professional voice care. 10
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OD 030 (Sp & Hg)

IV Semester B.Sc. (Sp & Hg) Examination, April/May 2005
(Integrated Semester Scheme)
Diagnostic Audiology - Physiological Tests

Time: 2 Hours

Max. Marks: 50

Instruction: Answer all questions.

- I. a) Discuss the role of tympanometry in the differential diagnosis of middle ear disorders. 10

OR

- b) What results would you expect on reflex testing in subjects with conductive hearing loss ? 10

- II. a) Describe the subject-related factors that affect ABR. 10

OR..

- b) Describe a procedure used for threshold estimation in ABR. 10

- III. a) Write the usefulness and limitations of MLR and LLR in threshold estimation as well as neurodiagnostics. 10

- b) Write short notes on P300 and MMN. 10

- IV. a) Compare and contrast TEOAEs and DPOAEs. 10

OR

- b) Discuss the expected OAE findings in subjects with conductive, cochlear, retrocochlear and central auditory lesions. 10

- V. a) Describe any two tests to identify vestibular problem. 10

OR

- b) A 25 year old female complains of tinnitus, giddiness and hearing loss. What test would you administer to rule out Meniere's disease in this client ? 10
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OD 040 (Sp & Hg)

**IV Semester B.Sc. Examination, April/May 2005
(Integrated Semester Scheme)
Speech and Hearing
Rehabilitative Audiology**

Time: 2 Hours

Max. Marks: 50

Instruction: Answer all questions.

- I. 1) How is the management of persons with deaf-blindness different from that of persons with only deafness ? 10
- OR
- 2) Describe in brief the management strategies for children with central auditory processing disorder. 10
- II. 3) a) Describe the Helen's test for speech reading mentioning its merits and demerits. 5
- b) Write notes on candidate for speech reading training. 5
- OR
- 4) Write a note on visibility of speech sounds. Explain how visibility of speech sounds is different in different languages. (5+5)
- III. 5) a) Describe the linguistic and environmental factors that influence speech reading. 7
- b) Explain the limitations of speech reading. 3
- OR
- 6) Describe a speech reading program for a profoundly hearing impaired adult. 10
- IV. 7) How would you use your knowledge of normal development of auditory skills in devising auditory training lessons for the 'hearing impaired' ? 10
- OR
- 8) Describe Erbers method of auditory training. 10
- V. 9) Describe the various communication strategies used by H.I. individuals. 10
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- 10) Write a lesson plan for a six month old, hearing-impaired infant to improve listening skills and language. 10
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