

SB010

II Sem. B.S.Ed. Examination, April/May 2005

Scheme: ISS

**Hearing Impairment
Audiology for Educators**

Time: 2.30Hours

Max. Marks: 60

Instruction: Answer any five questions.

1. Describe, in brief, the anatomy and physiology of the inner ear. **12**

OR

2. The terminology used with hearing impaired has no relevance to their management. Critically evaluate this statement. **12**

3. a) Describe the parameters of sound. **6**

b) How does sound transmit through the middle ear ? **6**

OR

4. a) How are audiological tests classified ? Elaborate on any one classification system. **6**

b) What are the different types of hearing impairment generally seen in school going children ? **6**

5. a) Why speech audiometry needs to be carried out on hearing impaired children ? **4**

b) What relevance the results of speech audiometry have for the rehabilitation of hearing impaired ? **8**

OR

6. a) What is the need for speech audiometry ? **6**

b) Describe, in detail, any two tests used in speech audiometry. **6**

7. A 4 year old child comes to your preschool set up with delayed speech and language. What information will you collect from parents/family members ? What assessment reports would you seek to determine the placement of the child in your preschool. **12**

OR

8. What is case report ? What type of training you should have, as a special educator, to interpret a case report ? **12**

P.T.O.

SB 010

9. What guidelines would you give to the management of a special school for hearing impaired on the following ? 12
- a) Lighting
 - b) Class strength
 - c) S/N ratio -
 - d) Classroom reverberation

OR

10. Write in brief on techniques to enhance.
- a) Visual cues in classroom situation. 6
 - b) The role of teacher in facilitating adjustment of normal and hearing impaired children in an integrated classroom. 6
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SB 020

B.S.Ed. (HI) II Semester Examination, April/May 2005
(Semester Scheme)
Hearing Impairment
Aids and Appliances in Teaching Hearing Impaired

Time: 21½ Hours

Max. Marks: 60

Instruction : Answer all the questions.

- I. 1. a) Describe briefly the advantages of digital hearing aids over analogue hearing aids. 6
b) As a teacher in a classroom for the hearing impaired, when would you recommend the following : 6
 i) Change of cord in body level hearing aid
 ii) Replacement of ear mould
 iii) Use of hearing aid be temporarily withdrawn.
 OR
2. a) The best hearing aid for a child is one that provides listening across the speech spectrum. Discuss. 8
b) How would a teacher verify that the child is listening across the spectrum ? 4
- II. 3. Compare the advantages and disadvantages of different types of group amplification systems used in a class room. 12
 OR
4. Describe some ALDs that can be used at the home of the hearing impaired children. 12
- III. 5. Cochlear implants should be considered for every child. Comment. 12
 OR
6. a) Write notes on the parts of a commonly used cochlear implant. 6
b) What are the advantages of a cochlear implant ? 6
- IV. 7. What are the specific speech sounds that can be corrected using visual and tactile devices. 4
Describe the limitation and usefulness of these devices. 8
 OR
8. Compare portable and non-portable devices to improve articulation. 12
- V. 9. What are the benefits of using computer software programs to improve voice quality and rhythm in hearing impaired children ? 12
 OR
10. How would you use internet facility in the training of hearing impaired children at their house and in classrooms ? 12
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SB030

II sem. B.S.Ed. (MI) Examination, April/May 2005
(ISS Scheme)
Hearing Impairment
Community Studies of Disability

Time:21/

2Hours

Max.Marks:60

Instruction: Answer all questions,

I. 1) a) 'The strategies to prevent hearing impairment in children and adults have to be different'. Comment. 12

OR

2) b) How is hearing impairment classified ? 8
Why is it important to classify hearing impairment ? 4

II. 3) Describe the limitations and strengths of the high risk check list method to identify hearing loss in a new born. 12

OR

4) Discuss the role of the primary school teacher in the prevention, early identification and management of communication disorders. 12

III. 5) Describe the philosophy and principles of community based rehabilitation programs. 12

OR

6) Describe briefly the schemes and projects for the welfare of the hearing challenged in the community. 12

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IV. 7) Discuss the role of self help groups in the empowerment of the disabled. 12

OR

8) Why is empowerment an important component of the CBR and community development. 12

V- 9) a) Critically evaluate the existing role of media in conveying messages on disability. 6

b) Suggest suitable measures to make the media more responsible in this regard. 6

OR

10) If you start an Institution for the educational rehabilitation of the hearing impaired, how would you prepare a brochure to disseminate information about the services of your institution ? 12

SB 040

II Sem. B.S.Ed. (H.I.) Examination, April/May 2005
(SemesterScheme)

Hearing Impairment

Computer Applications in the Education of Hearing Impaired

Time: 2 1/2 Hours

Max. Marks: 60

Instruction : Answer all questions.

- I. 1. a) Describe briefly the transmission of data through internet. 10
b) Expand the acronym "http". 2
- OR
2. a) What is a search engine ? 2
b) Name four popular search engines. 2
c) Write the uses of the internet in the of rehabilitation impaired 8
- II. 3. a) What are the advantages of digital systems over analog systems? 8
b) Name four digital systems that can be used in the education of the hearing impaired. 4
- OR
4. a) Explain the principles of digital signals processing. 6
b) What is the impact of digitizing communication systems? 6
- III. 5. a) What is speech synthesis ? - 4
b) Describe briefly any one method of speech synthesis. 8
- OR
6. a) What is a voice recognition system? 4
b) Write notes on the importance of voice recognition system for the hearing impaired. 8

IV. 7. a) What are the advantages of using computers in teaching listening skills to the hearing impaired ? 10

b) Mention two software programs to improve listening skills of the hearing impaired. 2

OR

8. Computers are mandatory in the training of hearing impaired to improve listening and speech abilities. Critically evaluate this statement. 12

V. 9. Describe how the computer can be used to teach a lesson on "Chemical Bonding" to high school going hearing impaired children. 12

OR

10. a) The computers can be used to teach mathematics to only primary school going children and not high school going children. Critically evaluate this statement. 10

b) Name any two application softwares, that can be used to prepare material on the computer to teach hearing impaired children. 2

SB 050

II Sem. B.S.Ed. (H.I.) Examination, April/May 2005
Hearing Impairment
Methodology in Aural Rehabilitation

Time:21/2Hours

Max.Marks:60

*Instructions: 1) Answer any five questions.
2) All questions carry equal marks.*

- I. 1. a) State the advantages and disadvantages of different educational placements available for the H.I. 8.
- b) Which type of placement is mostly found in Indian situation ? What do you think, are the reasons for this ? 4
- OR
2. a) Explain integrated education and inclusive education. 6
- b) What are the factors which stand as obstacles in the successful implementation of these schemes ? 6
- II. 3. a) What are the requirements of a resource room in the context of the education of the hearing impaired ? 6
- b) Explain the significance of the resource room in the education of the H.I. 6
- OR
4. a) State the qualities of a resource teacher of the H.I. 6
- b) Explain how a resource teacher can help the regular teacher in the education of the H.I. 6
- III. 5. a) Explain the nature of unisensory approach in brief. 6
- b) Among the different types of unisensory approaches in aural rehabilitation , which one do you prefer ? Justify your answer. 6
- OR
6. a) Discuss the relative importance of unisensory and multisensory approaches in developing speech among H.I. children. 6
- b) Explain the role of the teacher in developing speech while using auditory global approach. 6

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- IV 7. a) Explain the factors contributing to the effectiveness of auditory training. 6
b) State the principles and strategies of any three commonly used methods of auditory training. 6

OR

8. a) What prerequisites you must ensure before starting auditory training ? 6
b) Differentiate Developmental Model from Correctional Model. 6

- V, 9. a) What types of communication strategies can be adopted for children with moderate and profound hearing loss ? Justify your answer. 6
b) How the dynamics contextual clues can be used for increasing the communication skills of H.I. children ? 6

OR

10. a) What is meant by speech reading ? Mention the factors the speaker and the speech reader should take into account during speech reading. 6
b) Explain the role of speech reading in the total process of aural rehabilitation. 6
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