

Question Paper

Exam Date & Time: 05-Jan-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER M.Sc. IN AUDIOLOGY DEGREE EXAMINATION - JANUARY 2023
SUBJECT: AUD6101 - GENETICS OF HEARING AND PEDIATRIC AUDIOLOGY
(2021 SCHEME)

Answer ALL questions.

Marks: 100

Duration: 180 mins.

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| 1) | Explain in detail on hearing evaluation for a 2 year old child. | (20) |
| 2) | Appraise assessing hearing in children with associated problems. | (20) |
| 3A) | List the genes related to hearing loss. | (10) |
| 3B) | Explain the Acoustic immittance measures in children. | (10) |
| 3C) | Appraise the Importance of team approach in audiological evaluation. | (10) |
| 3D) | Describe on genetic counselling and highlights the importance. | (10) |
| 4A) | List the Screening checklist for auditory processing disorders. | (5) |
| 4B) | Explain about Hyperbilirubinemia and Hearing loss. | (5) |
| 4C) | Describe AABR. | (5) |
| 4D) | Appraise on Strategies to overcome unilateral hearing loss. | (5) |

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Question Paper

Exam Date & Time: 07-Jan-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER M.Sc. IN AUDIOLOGY DEGREE EXAMINATION - JANUARY 2023
SUBJECT: AUD6102 - IMPLANTABLE AUDITORY DEVICES
(2021 SCHEME)

Answer ALL questions.

Marks: 100

Duration: 180 mins.

Essay:

- 1) Describe briefly the procedure and applications of intra-operative tests employed during CI surgery (20)
- 2) Explain the parameters & procedure for CI Mapping. (20)

3. Long Answers:

- 3A) Explain team members and their role in post CI rehabilitation (10)
- 3B) Outline the biocompatibility properties for Implantable devices (10)
- 3C) Highlight future advancements in Implantable Auditory Devices (10)
- 3D) Summarize the various modes of stimulation in CI (10)

4. Short Notes:

- 4A) Outline benefits of ABI (5)
- 4B) Enumerate non-surgical rehabilitative options for individuals with congenital atresia (5)
- 4C) With a block diagram, explain the function of CI sound processor (5)
- 4D) Compare and Contrast eABR Vs ABR (5)

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Question Paper

Exam Date & Time: 09-Jan-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER M.Sc. IN AUDIOLOGY DEGREE EXAMINATION - JANUARY 2023
SUBJECT: AUD6103 - SPEECH PERCEPTION
(2021 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Discuss the effect of degree of hearing loss on speech perception. (20)
- 2) Write an essay on dichotic listening. (20)
- 3A) Write an essay on normalization of vowels. (10)
- 3B) Describe the electrophysiological methods to study speech perception. (10)
- 3C) Compare speech perception between infants and animals. (10)
- 3D) Perception of suprasegmental features of speech is affected in individuals with hearing impairment. Comment. (10)
- 4A) Write an essay on categorical perception. (5)
- 4B) Describe speech perception through BAHA. (5)
- 4C) Write a note on coarticulation. (5)
- 4D) Describe the basic concepts underlying speech perception in terms of hearing, listening, comprehension & perception. (5)

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Question Paper

Exam Date & Time: 11-Jan-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER M.Sc. IN AUDIOLOGY DEGREE EXAMINATION - JANUARY 2023
SUBJECT: AUD6104 - AUDITORY PROCESSING DISORDERS
(2021 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

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| 1) | Explain neurodevelopment cause of APD with recent studies. | (20) |
| 2) | Explain the different monaural low redundant tests used in assessment of APD. | (20) |
| 3A) | How to differentiate APD from other disorders? Explain | (10) |
| 3B) | What is meta linguistic approach in management of APD? Explain. | (10) |
| 3C) | Explain the recent advances in management of adults with APD. | (10) |
| 3D) | Describe the procedure for development of APD test materials. | (10) |
| 4A) | List the open-source software used for APD. Explain ANY ONE in detail. | (5) |
| 4B) | Explain dichotic listening test. | (5) |
| 4C) | Discuss the role of screening tools in APD. | (5) |
| 4D) | Discuss the role of Multidisciplinary approach in management of APD. | (5) |

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