

Question Paper

Exam Date & Time: 04-Dec-2019 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER MASTER OF SCIENCE (AUDIOLOGY) DEGREE EXAMINATION - DECEMBER 2019
SUBJECT: MAU 701 - GENETICS OF HEARING AND PEDIATRIC AUDIOLOGY
(2018 SCHEME)
Wednesday, December 04, 2019 (14.00 - 17.00)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Write a note on genes related to hearing loss. (20)
- 2) Write an essay on protocol used for hearing screening to identify Sensory neural hearing loss. (20)

3) Answer all the questions.

- 3A) Application of VRA in hearing evaluation. (10)
- 3B) Acoustic immittance measures in children. (10)
- 3C) Importance of team approach in audiological evaluation. (10)
- 3D) Factors affecting speech audiometry in children. (10)

4) Answer all the questions.

- 4A) Screening checklist for auditory processing disorders. (5)
- 4B) Hyperbilirubinemia and Hearing loss. (5)
- 4C) Role of audiologist in Genetic counseling. (5)
- 4D) BOA (5)

-----End-----

Question Paper

Exam Date & Time: 05-Dec-2019 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER MASTER OF SCIENCE (AUDIOLOGY) DEGREE EXAMINATION - DECEMBER 2019
SUBJECT: MAU 703 - IMPLANTABLE AUDITORY DEVICES
(2018 SCHEME)
Thursday, December 05, 2019 (14.00 - 17.00)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Describe the candidacy criteria for selecting middle ear implants and auditory brain stem implants. (20)
- 2) Enumerate the advancements in components and types of BAHA. (20)

Answer all the questions.

- 3A) Write on the various types of electrode designs in cochlear implants. (10)
- 3B) Add a note on recent speech processing strategies for CI. (10)
- 3C) Explain the procedure to establish T and C levels in CI. (10)
- 3D) Write on the complications related to ABI. (10)

Answer all the questions.

- 4A) NRT (5)
- 4B) Anatomical location of ABI electrode. (5)
- 4C) Limitations of Implantable hearing devices. (5)
- 4D) ABI Vs CI (5)

-----End-----

Question Paper

Exam Date & Time: 06-Dec-2019 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER MASTER OF SCIENCE (AUDIOLOGY) DEGREE EXAMINATION - DECEMBER 2019
SUBJECT: MAU 705 - SPEECH PERCEPTION
(2018 SCHEME)
Friday, December 06, 2019 (14.00 - 17.00)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Discuss role of signal processing in cochlear implants in speech perception of individuals with cochlear implants. (20)
- 2) Enumerate on two methods to study speech perception. (20)

3) Answer all the questions:

- 3A) Perception of speech through BAHA. (10)
- 3B) Animal Vs Human speech perception. (10)
- 3C) Suprasegmental features and their role in speech perception. (10)
- 3D) Categorical speech perception. (10)

4) Answer all the questions:

- 4A) Long term memory and speech perception. (5)
- 4B) Stages of memory. (5)
- 4C) Music perception. (5)
- 4D) List factors influencing dichotic listening. (5)

-----End-----

Question Paper

Exam Date & Time: 07-Dec-2019 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER MASTER OF SCIENCE (AUDIOLOGY) DEGREE EXAMINATION - DECEMBER 2019
SUBJECT: MAU 707 - AUDITORY PROCESSING DISORDERS
(2018 SCHEME)
Saturday, December 07, 2019 (14.00 - 17.00)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Write an essay on causes of CAPD. (20)
- 2) In APD, what is the contribution by P300? Explain with relevant studies. (20)

Answer all the questions.

- 3A) Discuss the factors affecting ERP measures in CAPD. (10)
- 3B) Compare and contrast direct remediation and metacognitive approach. (10)
- 3C) Write a note on subject related factors in assessment of APD. (10)
- 3D) Explain the various methods of assessing the outcome in APD management. (10)

Answer all the questions.

- 4A) How does altering room acoustic enhances auditory processing ability? (5)
- 4B) Short note on treatment efficacy. (5)
- 4C) Multidisciplinary approach. (5)
- 4D) Assistive listening devices. (5)

-----End-----