

Question Paper

Exam Date & Time: 01-Jul-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER M.Sc. (AUDIOLOGY) DEGREE EXAMINATION - JUNE/JULY 2022
SUBJECT: AUD5203 - ELECTROPHYSIOLOGICAL ASSESSMENT
(2021 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

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| 1) | Explain acquisition and analysis techniques for stacked ABRs and ABR for chained stimuli. | (20) |
| 2) | Discuss acquisition and factors affecting ASSR. | (20) |
| 3A) | Write on scalp distribution of AEPs. | (10) |
| 3B) | Explain electrodes for recording AEPs. | (10) |
| 3C) | Elaborate on exogenous and endogenous cortical evoked potentials. | (10) |
| 3D) | Clinical application of LLR. | (10) |
| 4A) | Time-frequency analysis. | (5) |
| 4B) | Frequency calibrations. | (5) |
| 4C) | Guidelines for intraoperative monitoring. | (5) |
| 4D) | Electroneurography. | (5) |

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Question Paper

Exam Date & Time: 04-Jul-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND SEMESTER M. Sc. IN AUDIOLOGY DEGREE EXAMINATION - JUNE/JULY 2022
SUBJECT: AUD5204 - ADVANCES IN THE MANAGEMENT OF HEARING IMPAIRED
(2021 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Explain the electroacoustic measurement of hearing aids and variables affecting electroacoustic measurements. (20)
- 2) Explain the objective procedure for hearing aid fitting. (20)
- 3A) Explain the noise reduction algorithms for better speech perception in noise. (10)
- 3B) Write a note on troubleshooting the hearing aids. (10)
- 3C) Write a note on Tinnitus Retraining Therapy. (10)
- 3D) Explain model related to hyperacusis management. (10)
- 4A) Explain the role of communication partner in rehabilitation of individuals with hearing impairment. (5)
- 4B) Write the eligibility criteria for AVT. (5)
- 4C) How speech simplification and re-synthesis helps in speech perception through hearing aids? (5)
- 4D) How speech perception through telephone can be enhanced? (5)

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