

Question Paper

Exam Date & Time: 19-Jan-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER MASTER OF SCIENCE (SPEECH - LANGUAGE PATHOLOGY) DEGREE EXAMINATION - JANUARY 2021

SUBJECT: MSL 601 - SPEECH SCIENCE AND SPEECH PRODUCTION

(2018 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

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| 1) | Describe the relaxation pressure curve and elaborate on the status of lung thoracic unit in relation to lung volume with neat-labelled diagram? | (20) |
| 2) | Explain the acoustic features of stops and nasals using spectrographic measures. | (20) |
| 3A) | Elaborate on the merits and demerits of source filter theory | (10) |
| 3B) | Explain any two methods used in speech synthesis | (10) |
| 3C) | Compare and contrast between stroboscopy and videokymography | (10) |
| 3D) | Recent advances in the applications of acoustic analysis in speech disorders | (10) |
| 4A) | Stress strain principle | (5) |
| 4B) | Spirometry | (5) |
| 4C) | Forensic speech analysis | (5) |
| 4D) | LTAS | (5) |

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Question Paper

Exam Date & Time: 21-Jan-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. IN SPEECH - LANGUAGE PATHOLOGY DEGREE EXAMINATION - JANUARY 2021 SUBJECT: MSL 603 -
AUGMENTATIVE AND ALTERNATIVE COMMUNICATION
(2018 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

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| 1) | Discuss the considerations of the assessment team and its impact on the AAC users. | (20) |
| 2) | Describe a plan to guide the clinicians in developing AAC goals | (20) |
| 3A) | Discuss the AAC service delivery models | (10) |
| 3B) | Why are opportunity barrier interventions important in AAC? | (10) |
| 3C) | Explain AAC intervention for individuals with TBI Explain AAC | (10) |
| 3D) | adaptation in different settings. | (10) |

4. Write Short Notes:

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|-----|--|-----|
| 4A) | Speech Generating Devices | (5) |
| 4B) | Visual schedules | (5) |
| 4C) | Communication strategies for Dementia. | (5) |
| 4D) | Rebus and Picsyms | (5) |

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Question Paper

Exam Date & Time: 25-Jan-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER MASTER OF SCIENCE (SPEECH - LANGUAGE PATHOLOGY) DEGREE EXAMINATION - JANUARY 2021

SUBJECT: MSL 605 - NEUROBIOLOGY OF SPEECH LANGUAGE AND COGNITION

(2018 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

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| 1) | How are the mechanisms for SWR different from VWR? Explain with suitable models. | (20) |
| 2) | Explain any TWO neuro-physiological procedures that are used to study the language system. Highlight on its merits and demerits. | (20) |
| 3A) | Explain any TWO theories of aging. | (10) |
| 3B) | How is the representation of a monolingual brain different from a multilingual? | (10) |
| 3C) | Explain the blood supply to the CNS. | (10) |
| 3D) | Describe the Atkinson and Shiffrin's multistore Model. | (10) |
| 4A) | Basal ganglia and motor system | (5) |
| 4B) | Structural changes encountered due to aging | (5) |
| 4C) | Sentence processing | (5) |
| 4D) | Priming as a neurobehavioral task. | (5) |

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Question Paper

Exam Date & Time: 27-Jan-2021 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. (SPEECH - LANGUAGE PATHOLOGY) DEGREE EXAMINATION - JANUARY 2021 SUBJECT: MSL 607 - CLINICAL LINGUISTICS AND MULTILINGUAL ISSUES
(2018 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) How is Critical period hypothesis applicable to Second language acquisition? Explore the significance of proficiency, native language and dominance when making a rehabilitation plan for multilingual individuals. (20)
 - 2) Discuss the various approaches to clinical analysis of discourse. Add examples from your own clinical experience to justify your answer. (20)
 - 3A) Critically evaluate the various models that address Second language acquisition. (10)
 - 3B) Explain how notions of truth conditionality, deixis and anaphora contribute to discourse processing. (10)
 - 3C) Elaborate on any TWO psycholinguistic models of word recognition. (10)
 - 3D) Identify the theoretical principles that govern the understanding of disorder of syntax. (10)
 - 4A) How are hemispheric differences critical to language processing? (5)
 - 4B) How does Sapir-Whorf hypothesis address the relationship between Language and Thought? (5)
 - 4C) With the help of suitable examples, explain the notions of language maintenance, shift and death in multilingual societies. (5)
 - 4D) List the major language families spoken in India and give an example from each. (5)
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