

# Question Paper

Exam Date & Time: 21-Apr-2022 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER MASTER OF SCIENCE (SPEECH - LANGUAGE PATHOLOGY) DEGREE EXAMINATION - APRIL 2022  
SUBJECT: SLP5103 - NEUROBIOLOGY OF SPEECH LANGUAGE AND COGNITION  
(2021 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- |     |  |      |
|-----|--|------|
| 1)  | Explain speech and language processing using evidence from neuroimaging studies.   | (20) |
| 2)  | Describe the neurological status examination with focus on speech and language mechanisms.   | (20) |
| 3A) | Discuss the applications of neuro-physiological procedures in the understanding of language and cognitive processing providing evidence from literature. | (10) |
| 3B) | Explain the language representation in bilinguals. Discuss the implications of studying language representations in monolinguals versus bilinguals.      | (10) |
| 3C) | Describe the neuro-physiological changes with ageing and its implications towards speech, language and cognitive processing.                             | (10) |
| 3D) | Explain garden path model of sentence comprehension.   | (10) |
| 4A) | Biological s. psychological ageing.  | (5)  |
| 4B) | Speech perception.   | (5)  |
| 4C) | Cranial nerve examination.   | (5)  |
| 4D) | Cerebral asymmetry.  | (5)  |

-----End-----

# Question Paper

Exam Date & Time: 22-Apr-2022 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER M.Sc. IN (SPEECH - LANGUAGE PATHOLOGY) DEGREE EXAMINATION - APRIL 2022  
SUBJECT: SLP5102 - AUGMENTATIVE AND ALTERNATIVE COMMUNICATION  
(2021 SCHEME)

Answer ALL questions.

Marks: 100

Duration: 180 mins.

- |     |  |      |
|-----|--|------|
| 1)  | Describe the assessment of AAC based on the ICF framework.                       | (20) |
| 2)  | Describe current status of AAC in India.   | (20) |
| 3A) | Describe parental/caregiver training for the use and application of AAC devices. | (10) |
| 3B) | Describe the AAC support in patients with tracheostomy and Laryngectomy.         | (10) |
| 3C) | Describe the opportunity barrier intervention for AAC.                           | (10) |
| 3D) | Describe OT's & PT's contributions to AAC assessment and intervention.           | (10) |

#### 4. Write Short Notes:

- |     |   |     |
|-----|---|-----|
| 4A) | Picture communication symbols.          | (5) |
| 4B) | Types of vocabulary for AAC.            | (5) |
| 4C) | Multidisciplinary Vs transdisciplinary. | (5) |
| 4D) | Mechanical communication devices.       | (5) |

-----End-----