

Question Paper

Exam Date & Time: 24-May-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY DEGREE EXAMINATION - MAY
2022

SUBJECT: ASL2221 : MOTOR SPEECH DISORDERS IN CHILDREN
(2020 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

Long Answers:

- 1) Devise a comprehensive assessment protocol for developmental dysarthria. Highlight the instrumental evaluation of speech in developmental dysarthria. (20)
- 2) Describe cerebral Palsy as a disorder of Muscle tone and describe the general and speech characteristics. (20)
- 3) Explain any two behavioural treatment approaches for childhood apraxia of speech. (10)
- 4) Elaborate on the oral peripheral mechanism examination. (10)

5. Short Essays:

- 5A) Describe the causes of dysphagia in children. (5)
- 5B) Motor-based treatment approaches in childhood apraxia of speech. (5)
- 5C) Role of AAC in the management of developmental dysarthria. (5)
- 5D) Elaborate on the Pyramidal tracts. (5)
- 5E) Early signs of childhood apraxia of speech. (5)
- 5F) PROMPTS (5)

6. Short Notes:

- 6A) Groping behaviour (2)
- 6B) Knowledge of Performance vs Knowledge of Results (2)
- 6C) Screening Test for Developmental Apraxia of Speech (2)
- 6D) VFS (2)
- 6E) Functions of Brainstem (2)

-----End-----

Question Paper

Exam Date & Time: 26-May-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY -
MAY 2022

SUBJECT: ASL2222 - LANGUAGE DISORDERS IN CHILDREN
(2020 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- | | | |
|-----|---|------|
| 1) | Discuss the development of language components during the preschool period. | (20) |
| 2) | Describe the language sample elicitation, analysis, and its clinical relevance. | (20) |
| 3) | Explain the general characteristics of children with intellectual disabilities. | (10) |
| 4) | What is AAC and its types? Discuss its applications for children with language disorders. | (10) |
| 5A) | Discuss the classification of ADHD. | (5) |
| 5B) | Highlight the characteristics of Downs Syndrome. | (5) |
| 5C) | What is reinforcement? Elaborate on its types and schedules. | (5) |
| 5D) | Differentiate between parallel talk and self-talk | (5) |
| 5E) | Explain the purpose of language intervention | (5) |
| 5F) | Compare and contrast REELS and SECS | (5) |
| 6A) | Simultaneous vs sequential language acquisition | (2) |
| 6B) | Multiple disabilities | (2) |
| 6C) | Redundancy | (2) |
| 6D) | Lesson plan | (2) |
| 6E) | Bayley's scale for infant and toddler development | (2) |

-----End-----

Question Paper

Exam Date & Time: 28-May-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY -
MAY 2022

SUBJECT: ASL2223 - DIAGNOSTIC AUDIOLOGY : PHYSIOLOGICAL TESTS
(2020 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Describe the principle and measurement procedure for tympanometry. Explain with a neat diagram the instrumentation for immittance evaluation. (20)
- 2) Elaborate on the stimulus, recording and patient related factors affecting auditory brainstem response. (20)
- 3) Write a note on the characteristics of electrocochleography. (10)
- 4) Elaborate on the clinical applications of OAEs. (10)
- 5A) Write a note on dynamic posturography. (5)
- 5B) What are the advantage and disadvantages of using otoacoustic emissions for hearing screening? (5)
- 5C) Describe the brainstem responses to speech signals. (5)
- 5D) What is acoustic reflex decay? Interpret the findings of acoustic reflex decay test. (5)
- 5E) Describe the principle of ENG recording. (5)
- 5F) Explain the interpretation of caloric test. (5)
- 6A) What is the role of trigger in auditory evoked potential instrument? (2)
- 6B) Write the electrode placement for c-VEMP and o-VEMP. (2)
- 6C) List the components of LLR and their latencies. (2)
- 6D) Linear and nonlinear clicks for TEOAEs. (2)
- 6E) What is slow phase velocity of nystagmus? (2)

-----End-----

Question Paper

Exam Date & Time: 30-May-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY - MAY/JUNE 2022
SUBJECT: ASL2224 - IMPLANTABLE HEARING DEVICES
(2020 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Describe the BAHA and MEI in terms of types, candidacy and outcomes. (20)
- 2) Explain the components of a CI with a neat diagram. Elaborate on the surgical risks and complications. (20)
- 3) What is Mapping? Describe the behavioral and objective methods to estimate a MAP. (10)
- 4) Describe the role of team members in the assessment & management of IHDs. (10)
- 5A) Candidacy for auditory brainstem implants. (5)
- 5B) Biomaterials for medical devices. (5)
- 5C) Hybrid cochlear implants - components and candidacy criteria. (5)
- 5D) Differentiate BC Vs BAHA. (5)
- 5E) Prerequisite for AVT. (5)
- 5F) Factors affecting the outcome of implantable devices in children. (5)
- 6A) Placement of electrodes in ABI vs CI. (2)
- 6B) Write two principles of BAHA. (2)
- 6C) Need for informed consent. (2)
- 6D) Expand ACE. (2)
- 6E) Electrode impedance for CI. (2)

-----End-----