

MANIPAL UNIVERSITY

SECOND YEAR M.A.S.L.P. DEGREE EXAMINATION – JUNE 2017

**SUBJECT: SH 201 - LANGUAGE ACQUISITION AND LANGUAGE DISORDERS IN CHILDREN
(NEW REGULATION)**

Thursday, June 01, 2017

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

☞ **Answer ALL questions.**

1. Discuss linguistic theory and its contribution towards the child language acquisition. (16 marks)

OR

- 2A. Describe the bootstrapping mechanism and its significance towards language acquisition.
2B. Briefly describe the application of behavioral theory towards the assessment and management of child language disorders. (8+8 = 16 marks)

- 3A. Describe the communication characteristics in children with visual handicap and hearing handicap.
3B. Write a note on classification of bilinguals. (12+4 = 16 marks)

OR

4. Language development in children with Intellectual Disability is delayed. Discuss. (16 marks)
5. Autism as a sensory processing disorder. Critically evaluate this statement with adequate literature support.

OR

6. Understanding of SLI has changed with recent advances seen in the same. Discuss. (16 marks)
- 7A. Discuss the different approaches for treating autistic children with echolalia.
7B. Discuss the different treatment approaches for language facilitation in children with SLI with appropriate illustration. (8+8 = 16 marks)

OR

8. Design a treatment protocol for children with Intellectual Disability considering the body impairment, Activity limitation and participation restriction. (16 marks)

- 9A. Discuss the developmental phases of reading and writing.
9B. Discuss the characteristics of different types of dyslexia. (8+8 = 16 marks)

OR

10. Deficit in phonological memory can have an impact on development of phonological awareness. Justify. (16 marks)



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SECOND YEAR M.A.S.L.P. DEGREE EXAMINATION – JUNE 2017

SUBJECT: SH 202 – ADULT LANGUAGE DISORDERS
(NEW REGULATION)

Saturday, June 03, 2017

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

1. Write short notes on:

- 1A. Caudate nucleus
- 1B. Circle of willis
- 1C. Basal ganglia
- 1D. Blood brain barrier

(4 marks × 4 = 16 marks)

OR

2. What is the significance of event related potentials in studying the language?

(16 marks)

3. Write short notes on:

- 3A. Discourse analysis in Aphasics.
- 3B. Handedness as a measure of cerebral dominance.

(8 marks × 2 = 16 marks)

OR

- 4A. Discuss the factors that you consider while interpreting the scores on aphasia test.

- 4B. What are the advantages of non-standardized over standardized tests for aphasia?

(10+6 = 16 marks)

5. Discuss the dual route models of reading.

(16 marks)

OR

6. Write a note on:

- 6A. Deblocking and Visual action therapy.
- 6B. Semantic feature analysis.

(8 marks × 2 = 16 marks)

- 7A. Discuss the age related changes in attention and perception.

- 7B. Describe various executive processes. Trace their aging related trajectory.

(8+8 = 16 marks)

OR

8. Elaborate on assessment measures available for reading and writing disorders in adults with brain damage.

(16 marks)

9. Elaborate on the assessment procedures for individual with right hemisphere damage.

OR

10. Elaborate on assessment and management in individual with dementia.

(16 marks)



MANIPAL UNIVERSITY**SECOND YEAR M.A.S.L.P. DEGREE EXAMINATION – JUNE 2017****SUBJECT: SH 203 – CLINICAL PHONOLOGY AND MOTOR SPEECH DISORDERS
(NEW REGULATION)**

Tuesday, June 06, 2017

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

- 1A. Explain in detail the studies done on phonological processes in Indian languages.
1B. How do you record and analyze the phonological processes in clinical set up?
(10+6 = 16 marks)

OR

2. **Explain:**

- 2A. Phonemic awareness
2B. Phonologic Vs Phonetic co-articulation
2C. Phonotactic skills
2D. IPA

(4 marks × 4 = 16 marks)

3. Discuss the application of distinctive feature theory in evaluation and treatment of phonological disorders.

(16 marks)

OR

- 4A. What are the aspects of linguistic awareness focused upon in metaphon therapy?
4B. Explain metaphon therapy with its various levels.
(8+8 = 16 marks)

5. Elaborate on neural maturation and corresponding motor control changes during the developmental period.

(16 marks)

OR

6. **Short notes on:**

- 6A. Neurosensory organization
6B. Central pattern generators
6C. Pyramidal system
6D. Speech motor aging

(4 marks × 4 = 16 marks)

7. Explain the behavioral and cognitive aspects of speech disturbances in apraxia. Mention its relevance in assessment of apraxia.

(12+4 = 16 marks)

OR

8. Explain the acoustic and physiological findings in ataxic dysarthria with adequate literature.

(16 marks)

9. Describe the oral and pharyngeal phase of swallowing with neuroanatomical correlates. Mention the disorders for the same.

OR

10. Discuss the prosthetic approach to swallowing management with adequate clinical examples.

(16 marks)



MANIPAL UNIVERSITY**SECOND YEAR M.A.S.L.P. DEGREE EXAMINATION – JUNE 2017****SUBJECT: SH 204 – SPEECH PERCEPTION AND ITS DISORDERS
(NEW REGULATION)**

Thursday, June 08, 2017

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. Write about:

1A. TRACE Model

1B. Analysis by Synthesis model

OR

2. Enumerate on neurobiological theory of speech perception.

(16 marks)

3. Discuss in detail the subjective methods to evaluate speech intelligibility.

(16 marks)

OR

4A. Discuss perception of consonants using visual modality.

4B. What are the factors that influence speech intelligibility based on stimulus?

(8+8 = 16 marks)

5A. What are difficulties faced by the individuals with hearing impairment in perception of vowels?

5B. Effect of configuration of audiogram on perception of consonants.

(12+4 = 16 marks)

OR

6A. Can enhancement of signal increase speech perception. Discuss.

6B. Write about any two methods of speech perception in infants.

(8+8 = 16 marks)

7. Write recent advances in cochlear implants in improving speech perception.

(16 marks)

OR

8A. Write influence of rate of stimulation on speech perception in Cochlear implants.

8B. How do speech processing strategies influence speech perception in cochlear implants?

(8+8 = 16 marks)

9. Discuss the role of memory on speech perception in humans.

(16 marks)

OR

10A. Sensory memory

10B. Long term memory

(8+8 = 16 marks)



MANIPAL UNIVERSITY**SECOND YEAR M.A.S.L.P. DEGREE EXAMINATION – JUNE 2017****SUBJECT: SH 205 – DIAGNOSTIC AUDIOLOGY
(NEW REGULATION)**

Saturday, June 10, 2017

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

✍ Answer ALL questions.

1. Discuss the installation, preventive care and maintenance of audiological equipment, in general.

(16 marks)

OR

- 2A. Enumerate the audiometric calibration equipment for intensity, frequency and time.

- 2B. Comment on RETSPL for Speech and RETFL for B.C.

(10+6 = 16 marks)

- 3A. Discuss the JCIH principles and guidelines for Early Hearing Detection and Intervention Programs.

- 3B. Justify the relevance of public education in early identification of hearing impairment.

(12+4 = 16 marks)

OR

- 4A. Discuss the clinical applications of OAE with relevance to:

- i) Prediction of hearing threshold
ii) Newborn Hearing Screening

- 4B. Add a note on the ability of OAE in early detection and monitoring of cochlear dysfunction.

(10+6 = 16 marks)

- 5A. Explain the acoustic reflex pathway with appropriate illustration.

- 5B. Elaborate on the Jerger box patterns encountered clinically.

(6+10 = 16 marks)

OR

- 6A. Write a brief note on temporal submission of acoustic reflexes.

- 6B. Discuss the role of multi component tympanometry in middle ear evaluation. Describe the instrumentation required for this facility.

(4+12 = 16 marks)

- 7A. Explain the factors affecting MLR and LLR.

- 7B. Write a note MMN and P300.

OR

- 8A. Critically evaluate threshold estimation in children by ASSR to multiple simultaneous stimuli.

- 8B. Discuss the role of ASSR in hearing aid fitting.

(8+8 = 16 marks)

MANIPAL UNIVERSITY**SECOND YEAR M.A.S.L.P. DEGREE EXAMINATION – JUNE 2017****SUBJECT: SH 207 – ADVANCES IN MANAGEMENT OF PERSONS WITH HEARING DISORDERS
(NEW REGULATION)**

Thursday, June 15, 2017

Time: 10:00 – 13:00 Hrs.

Max. Marks: 80

Answer ALL questions.

1A. Describe the technology needs of hearing impaired in educational set up.

1B. Describe the effects on hearing loss on education.

(10+6 = 16 marks)

OR

2A. Discuss the role of audiologist working in an educational set up.

2B. Add a note on family related factors in deciding for integration.

(10+6 = 16 marks)

3. Discuss the general issues in pediatric amplification that needs to be considered.

OR

4. Describe the various classes of communication strategies.

(16 marks)

5A. Explain habituation of perception based on neurophysiological model.

5B. Describe about different types of wearable tinnitus masking equipment's.

(6+10 = 16 marks)

OR

6. Describe the four elements of masking protocol for tinnitus patients and its implication to treatment.

(16 marks)

7. Describe the measures GOI has taken to implement legislations, schemes and policies.

(16 marks)

OR

8A. Discuss on the calculation of percentage of disability in India. What are the financial benefits associated with it?

8B. Describe the role and function of department of disability affairs in India.

(8+8 = 16 marks)

9. Discuss the environment modification to be undertaken in management of CAPD.

(16 marks)

OR

10A. Describe the exercises to improve temporal processing deficits in CAPD.

10B. Describe cognitive behavior modification in CAPD.

(8+8 = 16 marks)

