

**MANIPAL ACADEMY OF HIGHER EDUCATION**

(Deemed University)

**THIRD YEAR B.A.S.L.P. DEGREE EXAMINATION – DECEMBER 2005****SUBJECT: NEUROMOTOR SPEECH DISORDERS (B.3.1.7)**

Thursday, December 08, 2005

Time: 3 Hrs.

Max. Marks: 80

☞ Answer FIVE questions in all. Question number 1 is compulsory.

1. Write short notes on any **FOUR**:

(4×4 = 16 marks)

1A. Classification of dysarthria.

1B. Trigeminal nerve.

1C. Tardive dyskinesia.

1D. Rood's technique.

1E. Pathologic reflex in CP.

2. What is Babinski sign? How do you work upon improving the feeding in children with cerebral palsy?

(16 marks)

3. What are the aims of assessing dysarthric patient? How do you assess the different speech systems in such patient?

(16 marks)

4. Describe the general and speech characteristics of individuals with lesion in the cerebellum. Describe any one condition that is associated with it.

(16 marks)

5A. What is swallowing? Describe the phases involved in normal swallow.

5B. Describe briefly the various assessment and management of individuals with swallowing disorders.

(8+8 = 16 marks)

6. Describe the general and specific therapy techniques employed in treating acquired apraxia.

(16 marks)



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## THIRD YEAR B.A.S.L.P. DEGREE EXAMINATION – DECEMBER 2005

**SUBJECT: REHABILITATIVE AUDIOLOGY (B.3.2.5)**

Friday, December 09, 2005

Time: 3 Hrs.

Max. Marks: 80

*Question Number 1 is compulsory. Answer any FOUR from the rest.*

1. Write short notes on any **FOUR** of the following:

(4×4 =16 marks)

- 1A. Deaf-blind rehabilitation.
- 1B. Cochlear Implants and Speech reading.
- 1C. Factors affecting Auditory Training.
- 1D. Communication strategies.
- 1E. Methods of Auditory Training.

2. What is CAPD? What are the rehabilitative options available for communication with CAPD?  
(16 marks)

3. How would you improve the communication abilities of an adult who has an acquired hearing loss and poor speech identification abilities?  
(16 marks)

4. Discuss the role of parent counseling in the rehabilitation of HOH child. What are the things to be addressed during parent counseling?  
(16 marks)

5. Management of multiply handicapped deaf children needs greater attention. Justify with needs and rationale.  
(16 marks)

6A. Compare the synthetic and analytic methods of speech reading.

6B. How would you use "Speech Tracking" as a technique to teach speech reading?

(8+8 = 16 marks)





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**THIRD YEAR B.A.S.L.P. DEGREE EXAMINATION – DECEMBER 2005****SUBJECT: NOISE MEASUREMENT AND HEARING CONSERVATION (B.3.2.6)**

Monday, December 12, 2005

Time: 3 Hrs.

Max. Marks: 80

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*Answer FIVE questions in all. Question number 1 is compulsory.*

1. Write short notes on any **FOUR**:  
(4×4 = 16 marks)
  - 1A. Bounce phenomenon.
  - 1B. Frequency weighting networks.
  - 1C. Monitoring audiometry.
  - 1D. Consumer Protection Act of 1995.
  - 1E. Traffic noise index.
2. What is TTS? Describe the factors affecting TTS.  
(4+12 = 16 marks)
3. Explain in detail some strategies for noise control.  
(16 marks)
4. Frame a test battery to diagnose an individual with NIHL.  
(16 marks)
5. Write notes on the following:
  - 5A. Audio analgesia.
  - 5B. Leq and Ldn.
  - 5C. Random incidence corrector.
  - 5D. Time weighting networks.(4×4 = 16 marks)
6. Describe SLM. How do you measure noise level in an audiometric room with SLM?  
(16 marks)



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**THIRD YEAR B.A.S.L.P. DEGREE EXAMINATION – DECEMBER 2005****SUBJECT: PAEDIATRIC AUDIOLOGY (B.3.2.7)**

Tuesday, December 13, 2005

Time: 3 Hrs.

Max. Marks: 80

*Answer FIVE questions in all. Question number 6 is compulsory.*

1. A combination of H.R.R and UNHS program is more sensitive in identifying hearing impairment than using H.R.R or UNHS alone. Give your comments.  
(16 marks)
- 2A. What are the electrophysiological test findings in a child with APD?  
2B. Discuss the principle behind redundancy tests in APD test battery.  
(12+4 = 16 marks)
- 3A. With Diagrams explain the embryological development of inner ear.  
3B. Briefly describe inner ear deformities.  
(12+4 = 16 marks)
4. Outlay a plan to construct audiology department in a children's hospital.  
(16 marks)
- 5A. Is an infant's ABR same as an adult? Discuss.  
5B. Design a diagnostic ABR protocol to test infants.  
(8+8 = 16 marks)
6. Write short notes on any **FOUR**:  
(4×4 = 16 marks)
  - 6A. Applications of MLR in paediatric population.
  - 6B. Dichotic Digits test.
  - 6C. Crib-O-Gram.
  - 6D. BOA.
  - 6E. ESP.

