

# MANIPAL UNIVERSITY

**THIRD YEAR B.A.S.L.P. DEGREE EXAMINATION – MAY/JUNE 2012**

**SUBJECT: FLUENCY AND ITS DISORDERS (B.3.1.5)**

Monday, May 28, 2012

Time: 10.00-13.00 Hrs.

Max. Marks: 80

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

- 1A. Define Fluency. Describe various parameters of Fluency.
- 1B. Why should a Speech Language Pathologist possess the knowledge of “Development of Fluency”?  
(8+8 = 16 marks)
- 2A. Describe Stuttering as a motor speech disorder.
- 2B. Highlight various risk factors for developing stuttering.  
(8+8 = 16 marks)
- 3A. Explain stuttering from the viewpoint of “demand and capacity” model.
- 3B. Stuttering might begin as a misdiagnosis by the parents of children with stuttering. Justify.  
(8+8 = 16 marks)
- 4A. Discuss the various issues to be considered while eliciting, collecting and analyzing a stuttering sample.
- 4B. Elaborate the salient differences between neurogenic stuttering and developmental stuttering.  
(8+8 = 16 marks)
- 5A. Define Cluttering. Outline the multidimensional deficits observed in a person with cluttering.
- 5B. Describe the various treatment options recommended for an individual with Neurogenic Stuttering.  
(8+8 = 16 marks)
- 6. Short notes on any FOUR.**
- 6A. Analogy Vs Technique
- 6B. Stuttering and Auditory feedback
- 6C. Lidcombe Program
- 6D. Quality of life and Stuttering
- 6E. Adaptation and Consistency Effects  
(4×4 = 16 marks)



## MANIPAL UNIVERSITY

## THIRD YEAR B.A.S.L.P. DEGREE EXAMINATION – MAY/JUNE 2012

## SUBJECT: ADULT NEUROCOMMUNICATION DISORDERS (B.3.1.6)

Wednesday, May 30, 2012

Time: 10.00-13.00 Hrs.

Max. Marks: 80

✍ **Question No. 6 is compulsory. Answer any FOUR from the rest.**

1. Discuss the neuroanatomical and neurophysiological correlates of cerebral dominance for language.  
(16 marks)
2. Following are the aphasia quotients for a subject with brain damage. Formulate the taxonomic diagnosis and chart out a treatment plan for this subject. Justify your goals.  
Fluency – 8  
Auditory verbal comprehension – 3  
Repetition – 8.3  
Naming – 2  
(16 marks)
3. Write an essay on linguistic and non linguistic deficits in RHD.  
(16 marks)
- 4A. Briefly describe the different types of acquired alexia.  
4B. Describe Dementia.  
(8+8 = 16 marks)
- 5A. Discuss the factors that influence the spontaneous recovery in subjects with Aphasia.  
5B. Describe MIT.  
(8+8 = 16 marks)
6. **Write short notes on any FOUR:**
  - 6A. Conduction Aphasia
  - 6B. TBI
  - 6C. Bilingual Aphasia Test
  - 6D. CT in aphasia
  - 6E. Blood Brain Barrier  
(4×4 = 16 marks)



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THIRD YEAR B.A.S.L.P. DEGREE EXAMINATION – MAY/JUNE 2012

SUBJECT: NEUROMOTOR SPEECH DISORDERS (B.3.1.7)

Friday, June 01, 2012

Time: 10.00-13.00 Hrs.

Max. Marks: 80

Question No. 1 is compulsory. Answer any FOUR from the rest.

1. Write short notes on any FOUR:

- 1A. Moebius syndrome
- 1B. Basal Ganglia
- 1C. Aerodynamic measures in dysarthria
- 1D. DDK
- 1E. Upper motor neuron

(4×4 = 16 marks)

2. Discuss the role of Speech language pathologist in assessment and management of neurogenic dysphagia.

(16 marks)

3A. What are the factors to be considered while choosing an AAC device for a patient with Parkinson's disease?

3B. Write a note on Friedreich's ataxia.

(8+8 = 16 marks)

4. Define cerebral palsy. Describe the classification of cerebral palsy.

(16 marks)

5A. Differentiate between dysarthria vs apraxia.

5B. Describe the characteristics of apraxia of speech.

(8+8 = 16 marks)

6. Describe the etiology and clinical characteristics of Hyperkinetic dysarthria.

(16 marks)



**MANIPAL UNIVERSITY****THIRD YEAR B.A.S.L.P. DEGREE EXAMINATION – MAY/JUNE 2012****SUBJECT: REHABILITATIVE AUDIOLOGY (B.3.2.5)**

Monday, June 04, 2012

Time: 10.00-13.00 Hrs.

Max. Marks: 80

✍ Answer any FIVE of the following. Question Number 1 is compulsory.

**1. Write any FOUR from the following:**

- 1A. Ling test.
- 1B. Synthetic method of speech reading training.
- 1C. Auditory closure activities.
- 1D. Hearing impairments and Mental retardation.
- 1E. Visual perception of speech sounds.

(4×4 = 16 marks)

2. How would you use the knowledge of normal development of auditory skills in the management of hearing impaired children.

(16 marks)

3. Discuss the management strategies for children with (c) APD.

(16 marks)

4. Discuss on the analytic and synthetic methods of speech reading training.

(16 marks)

5. Justify the need to carry out an adult rehabilitation program.

(16 marks)

6. Write an essay on rehabilitation of multiple handicaps with hearing impairment.

(16 marks)



**MANIPAL UNIVERSITY****THIRD YEAR B.A.S.L.P. DEGREE EXAMINATION – MAY/JUNE 2012****SUBJECT: NOISE MEASUREMENT AND HEARING CONSERVATION (B.3.2.6)****(OLD REGULATION)**

Wednesday, June 06, 2012

Time: 10.00-13.00 Hrs.

Max. Marks: 80

✍ **Question No. 1 is compulsory. Answer any FOUR from the rest.**

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

- 1A. Acoustical test fixtures.
- 1B. High frequency audiometry.
- 1C. Real ear attenuation at threshold.
- 1D. Toughening phenomenon.
- 1E. Linearity check.

(4×4 = 16 marks)

- 2A. How do you calibrate speech through headphones?
- 2B. Describe the instruments required for objective calibration of audiometer.

(8+8 = 16 marks)

3. What are all the different steps involved in HCP? Discuss the engineering measures of noise control.

(16 marks)

4. Critically evaluate the advantages and disadvantages of different types of EPD.

(16 marks)

5. Describe the non-auditory effects of noise.

(16 marks)

**6. Write notes on:**

- 6A. OSHA
- 6B. Walsh Healy Act
- 6C. Environmental Act
- 6D. Bombay Police Act

(4×4 = 16 marks)



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**THIRD YEAR B.A.S.L.P. DEGREE EXAMINATION – MAY/JUNE 2012**

**SUBJECT: PAEDIATRIC AUDIOLOGY (B.3.2.7)**

Friday, June 08, 2012

Time: 10:00-13:00 Hrs.

Max. Marks: 80

**Answer any FIVE questions. Question no. 6 is compulsory.**

- 1A. With diagram describe the embryological development of the inner ear.  
1B. Write a note on any two syndromes associated with external ear anomalies. (8+8 = 16 marks)
- 2A. Audiological evaluation is based on operant conditioning principle. Comment.  
2B. Write a note on behavioral observation audiometry. (10+6 = 16 marks)
- 3A. Describe any two behavioral tests to detect Pseudohypacusis in children.  
3B. What is the current status of newborn hearing screening in India? What steps would you suggest to overcome the current status? (8+8 = 16 marks)
4. Describe the factors affecting and application of ABR in pediatric hearing evaluation. (16 marks)
5. How will you carry out the APD evaluation in a 5 year old boy and justify your protocol? (16 marks)
- 6. Write short notes on any FOUR of the following:**
- 6A. NU-CHIPS  
6B. Noise makers  
6C. DPOAEs in Infants  
6D. Conductive hearing loss in school children  
6E. MLR in infants (4×4 = 16 marks)

