

**MANIPAL UNIVERSITY****SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2010****SUBJECT: CHILDHOOD COMMUNICATION DISORDERS (B.2.1.2)**

Monday, June 07, 2010

Time: 14:00-17:00 Hrs.

Max. Marks: 80

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

1A. Define in two sentences each.

- i) CHAT    ii) Impulsivity    iii) Brain damage    iv) Adaptive behavior  
(2×4 = 8 marks)

1B. Explain the significance of assessing infantile reflexes.

(8 marks)

2A. Learning Disability is a hidden handicap. Comment.

2B. Describe the clinical features of Childhood aphasia.

(8+8 = 16 marks)

3. Describe the speech and language characteristics of children with congenital hearing impairment.

(16 marks)

4. Discuss any TWO theories of language acquisition.

(16 marks)

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

5A. AAC

5B. PDP model

5C. Dyslexia

5D. Communicative intent

5E. PECS

(4×4 = 16 marks)

6A. What are inborn errors of metabolism? Describe any one inborn error of metabolism affecting communication development.

6B. Delineate the various AAC approaches for multiple disability.

(8+8 = 16 marks)

7. Describe the communication deficits in children with ADHD. Explain the classification and diagnostic criteria for ADHD.

(8+8 = 16 marks)



**MANIPAL UNIVERSITY****SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2010****SUBJECT: ARTICULATION AND PHONOLOGICAL DISORDERS (B.2.1.3)**

Wednesday, June 09, 2010

Time: 14:00-17:00 Hrs.

Max. Marks: 80

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

1A. Describe the various velopharyngeal closure patterns.

1B. Write a note on any one instrument used in the evaluation of hyper nasality.

(8+8 = 16 marks)

2A. Write a note on EPG.

2B. Explain:

i) Phonetic placement method

ii) Integral stimulation

(6+(6+4) = 16 marks)

3. What are vowels and consonants? Describe their acoustic cues.

(16 marks)

4A. What are the speech characteristics of Glossectomy and Tongue tie Patients?

4B. Describe the evaluation procedure for glossectomy patients.

(8+8 = 16 marks)

5A. Describe any three classificatory systems to classify cleft lip and palate.

5B. Write a note on preschool articulation test.

(12+4 = 16 marks)

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

6A. Nasalence.

6B. Intelligibility assessment.

6C. Velopharyngeal insufficiency.

6D. Kannada articulation test.

6E. Metaphon therapy.

(4×4 = 16 marks)



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## MANIPAL UNIVERSITY

SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2010

SUBJECT: VOICE AND LARYNGECTOMY (B.2.1.4)

Friday, June 11, 2010

Time: 14:00-17:00 Hrs.

Max. Marks: 80

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

1. Describe the causes, characteristics and management of;

1A. Laryngitis

1B. Dysphonia plicae ventricularis

(8+8 = 16 marks)

2A. Justify the need for perceptual voice evaluation in dysphonics. Describe in brief, GRBAS.

2B. Describe different acoustic parameters of pitch, loudness and quality.

(8+8 = 16 marks)

3. A 30-year-old primary school teacher comes to your clinic with the complaint of pain in the neck muscles and vocal fatigue. Laryngoscopic examination revealed bilateral early vocal nodules. Discuss your assessment and management protocol.

(16 marks)

4. What is hysterical aphonia? Discuss in detail, the causes, assessment and management of this.

(16 marks)

5. What are the options available to a laryngectomee for verbal communication? Describe any one with appropriate diagrams.

(16 marks)

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

6A. Aerodynamic measures.

6B. VHI Vs GRBAS.

6C. Laryngectomee counseling.

6D. Phonosurgery.

6E. Characteristics of normal voice.

(4×4 = 16 marks)





## MANIPAL UNIVERSITY

SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2010

SUBJECT: DIAGNOSTIC AUDIOLOGY (B.2.2.2)

Monday, June 14, 2010

Time: 14:00-17:00 Hrs.

Max. Marks: 80

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

1. Highlight the need of test battery approach for differential diagnosis of different auditory disorders.  
(16 marks)
- 2A. How Eustachian tube functions can be tested using Immittance meter?  
2B. Explain the clinical relevance of ear canal volume measurements and gradient in Tympanometry.  
(10+6 = 16 marks)
3. A 25 year old male reported to the clinic with the complaint of tinnitus, giddiness and hearing loss. Pure tone audiometry revealed moderate Sensorineural hearing loss in both ears. What tests can be administered to differentiate between cochlear and retro cochlear pathology? Justify your choice of tests.  
(16 marks)
4. Explain acoustics reflex pathway with a neat diagram and add a note on Jerger box pattern for different disorders.  
(16 marks)
5. Write a protocol for threshold estimation using ABR. Justify your choice of selection of parameters.  
(16 marks)
6. Write short notes on any FOUR:
  - 6A. SSW
  - 6B. Reflex decay test
  - 6C. MLR
  - 6D. MLB
  - 6E. Vestibulo Ocular Reflex.

(4×4 = 16 marks)



# MANIPAL UNIVERSITY

## SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2010

### SUBJECT: BASIC STATISTICS AND RESEARCH METHODS IN SPEECH LANGUAGE PATHOLOGY AND AUDIOLOGY

Wednesday, June 16, 2010

Time: 14:00-17:00 Hrs.

Max. Marks: 80

✍ **Answer ALL questions.**

1A. Differentiate nominal and ordinal scales of measurement with example.

1B. Discuss in detail about the uses of Review of literature in Research.

(5+5 = 10 marks)

2A. Describe stratified and systematic random sampling techniques.

2B. Enumerate advantage of sampling over Census.

(6+4 = 10 marks)

3A. Represent the following data by a histogram and locate the mode of the distribution.

Age in years	5 – 10	10 – 15	15 – 20	20 – 25	25 – 30	30 – 35
frequency	2	9	29	54	11	5

3B. Explain various uses of scatter diagram with sketches.

((4+1)+5 = 10 marks)

4A. Define epidemiology. State the aims of epidemiology.

4B. Write briefly on cross sectional studies.

(5+5 = 10 marks)

5A. Define health information system. List the requirements of health information system.

5B. Define crude birth rate and general fertility rate.

(5+5 = 10 marks)

**6. Write short note on:**

6A. Registration of vital events.

6B. Discrete and continuous variables.

6C. Quartiles and Percentiles.

6D. Measures of central tendency.

6E. Characteristics of a good hypothesis.

6F. Properties of normal curve.

(5×6 = 30 marks)



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## MANIPAL UNIVERSITY

### SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2010

SUBJECT: AMPLIFICATION AND ASSISTIVE DEVICES FOR THE HEARING IMPAIRED (B.2.2.3)

Friday, June 18, 2010

Time: 14:00-17:00 Hrs.

Max. Marks: 80

✍ Answer any FIVE question: Question no: 1 is compulsory.

1. Write short notes on:

- 1A. Peak clipping.
- 1B. Frequency transposition aid.
- 1C. Purpose of Electro-acoustic measurement.
- 1D. Care for the hearing aid.

(4×4 = 16 marks)

2. What are earmolds? Describe the types of earmolds based on physical design.

(16 marks)

3. How would you counsel a patient who is fitted newly with the hearing aid?

(16 marks)

4A. Describe any two linear prescriptive formulas for HA selection.

4B. Describe the insertion gain procedure.

(8+8 = 16 marks)

5. Describe the various devices / methods that assist the hearing impaired to understand the TV better.

(16 marks)

6A. Discuss the various assessment procedures carried out prior to the selection of candidates for cochlear implants.

6B. Describe any two speech processing strategies employed in CI.

(8+8 = 16 marks)





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**MANIPAL UNIVERSITY**

**SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2010**

**SUBJECT: EDUCATIONAL AUDIOLOGY (B.2.2.4)**

Monday, June 21, 2010

Time: 14:00-17:00 Hrs.

Max. Marks: 80

✂ **Question number 1 is compulsory. Answer any FOUR of the other questions.**

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

- 1A. Goals of aural rehabilitation.
- 1B. Uni-sensory Vs Multi-sensory approach.
- 1C. Maternal reflective method.
- 1D. Integration Vs segregation.
- 1E. Preferential seating.

(4×4 =16 marks)

2. “Early identification and early intervention play an important role in hearing impaired population”. Discuss.

(16 marks)

3. What is manual form of communication? What are the different forms of manual communication? Discuss.

(16 marks)

4. What are the different educational placement facilities available for hearing impaired population?

(16 marks)

5. What factors will you be considering while providing classroom for a hearing impaired population?

(16 marks)

6. What are classroom amplification devices? Discuss each in brief.

(16 marks)



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## MANIPAL UNIVERSITY

SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2010

SUBJECT: OTORHINOLARYNGOLOGY AND COMMUNITY ORIENTED PROFESSIONAL PRACTICES IN SPEECH LANGUAGE PATHOLOGY/AUDIOLOGY (B.2.3.5)

Wednesday, June 23, 2010

Time: 14:00-17:00 Hrs.

Max. Marks: 80

✍ Answer Section "A" and Section "B" in separate answer books.

### SECTION "A" – OTORHINOLARYNGOLOGY : 40 MARKS

1. Classify otitis media. Describe the etiopathogenesis of them.

OR

Discuss the anatomy of recurrent laryngeal nerve with a neat labeled diagram.

(10 marks)

2. Write short notes on any SIX:

- 2A. Eustachian tube tests.
- 2B. Theories of hearing.
- 2C. Keratosis obturans.
- 2D. Spasmodic dysphonia.
- 2E. Stuttering.
- 2F. Chronic tonsillitis.
- 2G. Mechanism of bone conduction.

(5×6 = 30 marks)

### SECTION "B" – COMMUNITY ORIENTED PRACTICES IN SPEECH LANGUAGE PATHOLOGY AND AUDIOLOGY : 40 MARKS

✍ Answer THREE questions in all. Question 3 is compulsory.

3. Write short notes on (any TWO):

- 3A. Code of Ethics
- 3B. Budget
- 3C. Schemes and concessions for disabled.
- 3D. Consumer Protection Act.

(5×2 = 10 marks)

4. What is the RCI Act 1992? Explain the functions of the council that formed as a result of this act.

(15 marks)

5. What are the common attitudes of the public towards disability? Elucidate the different strategies in public education regarding disability issues.

(15 marks)

6. Critically elaborate the different service delivery approaches for the disabled.

(15 marks)

