

MANIPAL UNIVERSITY
SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2007
SUBJECT: CHILDHOOD COMMUNICATION DISORDERS (B.2.1.2)

Thursday, June 07, 2007

Time: 3 Hrs.

Max. Marks: 80

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

1A. Differentiate between the following:

- i) SECS vs REELS
- ii) Deep Dyslexia vs Surface Dyslexia
- iii) Formal vs Informal Assessment
- iv) Syntax vs Phonology

1B. Briefly describe the Social development of a baby from birth to one year of age.

(8+8 = 16 marks)

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

- 2A. APGAR score.
- 2B. SLI.
- 2C. Language errors in the visually impaired.
- 2D. Joint attention.
- 2E. Autosomal Dominance.

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

3. What is AAC? Delineate its importance in the management of childhood communication disorders.

(8+8 = 16 marks)

4. What are Pervasive developmental disorders? Briefly describe the causes, characteristic features and management of any one type of PDD.

(6+10 = 16 marks)

5. Describe the segmental and suprasegmental errors found in the speech of the hearing impaired.

(16 marks)

6. Discuss any two theories of language acquisition.

(16 marks)

7. Define Learning Disability. Highlight the major characteristics that can be seen in children with LD across various domains.

(4+12 = 16 marks)



MANIPAL UNIVERSITY
SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2007
SUBJECT: ARTICULATION AND PHONOLOGICAL DISORDERS (B.2.1.3)

Friday, June 08, 2007

Time: 3 Hrs.

Max. Marks: 80

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

1A. Write the contribution of following researchers:

- | | | |
|---------------------------|---------------|----------------|
| i) Van Riper and Erickson | ii) Scripture | iii) Mc Donald |
| iv) Oller and Stark | v) Hodson | vi) R. Lowe |

1B. Describe the acoustic theory of speech production

((1×6)+10 = 16 marks)

2. How would you construct an articulation test in your language?

(16 marks)

3A. Describe the resonatory and articulatory problems seen in cleft palate children.

3B. Outline the therapy for resonatory problems.

(8+8 = 16 marks)

4. Discuss the role of Speech language pathologist in the management of glossectomees.

(16 marks)

5A. Write a note on surgical procedures used in cleft palate population.

5B. "Multidisciplinary approach is a prerequisite for an effective cleft palate remediation program." Justify

(6+10 = 16 marks)

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

- 6A. OSME.
- 6B. Photo articulation test.
- 6C. Striped Y classification.
- 6D. Swallowing problems in glossectomy.
- 6E. Malocclusions.

(4×4 =16 marks)



MANIPAL UNIVERSITY
SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2007
SUBJECT: VOICE AND LARYNGECTOMY (B.2.1.4)

Saturday, June 09, 2007

Time: 3 Hrs.

Max. Marks: 80

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

1. Critically evaluate the different theories of phonation. Which one do you think explains voice production the best? Justify.

(16 marks)
- 2A. Describe with neat diagrams, the intrinsic muscles of larynx.
2B. Describe the pitch raising mechanism.

(8+8 = 16 marks)
3. Discuss the role of resonance in normal and abnormal voice. Add a note on any one resonance disorder.

(16 marks)
4. Write a note on the causes, characteristics, assessment and management of laryngeal trauma.

(16 marks)
5. Differentiate:
 - 5A. Laryngectomy Vs Laryngectomee
 - 5B. Primary Vs Secondary TEP
 - 5C. Duck bill Vs Low pressure prosthesis
 - 5D. Esophageal Vs Tracheoesophageal speech
 - 5E. Inhalation Vs Injection technique
 - 5F. Belches Vs esophageal speech
 - 5G. Stoma Vs Puncture
 - 5H. Videoflourosocopy Vs Insufflation

(2×8 = 16 marks)
6. Write short notes on any **FOUR**:
 - 6A. Causes of voice disorders
 - 6B. Laryngeal trauma.
 - 6C. VAPP
 - 6D. Indwelling voice prosthesis.
 - 6E. Videostroboscopy.

(4×4 = 16 marks)



MANIPAL UNIVERSITY
SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2007
SUBJECT: DIAGNOSTIC AUDIOLOGY (B.2.2.2)

Monday, June 11, 2007

Time: 3 Hrs.

Max. Marks: 80

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

1. Explain in detail the role of speech audiometry in the differential diagnosis of auditory disorders.

(16 marks)
2. "For site of lesion testing in the auditory system a battery of tests should be used." Critically evaluate the statement.

(16 marks)
3. What is stapedial reflex? Explain the stapedial reflex pathway with a neat diagram. What will be the reflex pattern in unilateral VII nerve, unilateral VIII nerve and intra axial brainstem lesions?

(2+8+6 = 16 marks)
4. Explain how ABR helps in identifying the site of lesion in the auditory system.

(16 marks)
5. What is Strenger principle? How Strenger test can be used for threshold estimation on a patient who complaint of unilateral profound hearing loss. What are its advantages?

(4+8+4 = 16 marks)
6. Write short notes on any **FOUR**:
 - 6A. Tympanometric Gradient
 - 6B. SISI
 - 6C. Temporal pattern tests.
 - 6D. DPOAE
 - 6E. P300

(4×4 = 16 marks)

MANIPAL UNIVERSITY**SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2007****SUBJECT: BASIC STATISTICS AND RESEARCH METHODS IN SPEECH LANGUAGE
PATHOLOGY AND AUDIOLOGY**

Tuesday, June 12, 2007

Time: 3 Hrs.

Max. Marks: 80

Answer ALL the questions

- 1A. Discuss about the various scales of measurement.
1B. Describe Research Methodology. (5+5 = 10 marks)
- 2A. Discuss the different methods of random and non random sampling.
2B. Enumerate advantage of sampling over census. (6+4 = 10 marks)
- 3A. Blood serum cholesterol levels of 10 subjects are as under:
240 260 290 245 255 285 275 263 277 250
Calculate its mean and standard deviation.
3B. Discuss Skewness and Kurtosis. (6+4 = 10 marks)
- 4A. Enumerate the properties of Normal curve.
4B. Explain the various graphical presentation for quantitative data. (6+4 = 10 marks)
5. Write short essays on:
5A. Registration of health events.
5B. Bar charts.
5C. Scatter diagram.
5D. Quartiles and Percentiles.
5E. Vital indicators.
5F. Measures of dispersion.
5G. Null and Alternative hypothesis.
5H. Uses of epidemiology. (5×8 = 40 marks)



MANIPAL UNIVERSITY**SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2007****SUBJECT: AMPLIFICATION AND ASSISTIVE DEVICES FOR THE HEARING IMPAIRED (B.2.2.3)**

Wednesday, June 13, 2007

Time: 3 Hrs.

Max. Marks: 80

Answer any FIVE questions. Question no. 1 is compulsory.

1. Write short notes on:

1A. Spectacle aids

1B. BAHA

1C. Custom mold

1D. TV listening aid

(4×4 = 16 marks)

2A. Describe the role of team members involved in a cochlear implant rehabilitation program.

2B. Write a note on following types of CROS on the basis of degree of loss (PE/BE), configuration and ear molds used.

i) Bi CROS ii) IROS

(10+6 = 16 marks)

3A. Write a note on programmable hearing aids.

3B. Describe the steps involved in programming a hearing aid with a neat block diagram.

3C. Name the method and the type of coupler used while performing EAC.

(6+8+2 = 16 marks)

4A. What are prescriptive procedures?

4B. Critically evaluate prescriptive procedures used in selection of gain and output for nonlinear hearing aids.

(4+12 = 16 marks)

5. Describe the factors that can affect the performance of the hearing aid.

(16 marks)

6. How would you counsel a patient who has been fitted with a new hearing aid?

(16 marks)



MANIPAL UNIVERSITY**SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2007****SUBJECT: EDUCATIONAL AUDIOLOGY (B.2.2.4)**

Thursday, June 14, 2007

Time: 3 Hrs.

Max. Marks: 80

Question No. 1 is compulsory. Answer any FOUR of the other questions.

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

- 1A. Total Communication
- 1B. Acoupaedic Approach
- 1C. Classification of Hearing Loss
- 1D. Class Room Acoustics
- 1E. Interactive Methods

(4×4 = 16 marks)

2. Explain the Concepts of Unisensory and Multisensory approach. What approach will you follow to develop the language of a prelingually hearing impaired child? Justify your answer.

(16 marks)

3. What according to you are the major problems faced in terms of education of the hearing impaired in India? Give suggestions to overcome those difficulties.

(16 marks)

4. Define critical period. Give examples and studies to support this concept.

(16 marks)

5. HOH individuals communicate effectively using manual form of communication. Critically evaluate this statement.

(16 marks)

6A. Write a note on Indian Sign Language.

6B. What modifications would you recommend to improve it?

(8+8 = 16 marks)



