

MANIPAL UNIVERSITY**SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2011****SUBJECT: CHILDHOOD COMMUNICATION DISORDERS (B.2.1.2)**

Monday, June 06, 2011

Time: 14:00-17:00 Hrs.

Max. Marks: 80

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

1A. Describe in two sentences each

- i. MLU
- ii. Motherese
- iii. APGAR rating
- iv. Echolalia

1B. Describe the communication characteristics of children with ADHD.

(8+8 = 16 marks)

2. Discuss the relevance of studying theories of language acquisition. Explain any one theory with its clinical implications.

(6+10 = 16 marks)

3A. Describe the management of children with hearing impairment.

3B. Describe the types of AAC.

(8+8 = 16 marks)

4A. Explain the diagnostic criteria for SLI. Describe the language characteristics of children with SLI.

4B. Explain Landau Kleffner Syndrome.

(8+8 = 16 marks)

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

- 5A. Boot strapping
- 5B. ITPA
- 5C. REELS
- 5D. Rett's syndrome
- 5E. PDP model

(4×4 = 16 marks)

6A. Discuss speech language characteristics of Downs syndrome.

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

(8+8 = 16 marks)

7. Describe Learning Disability in terms of definition, characteristics, assessment and management

(16 marks)



MANIPAL UNIVERSITY**SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2011****SUBJECT: ARTICULATION AND PHONOLOGICAL DISORDERS (B.2.1.3)**

Wednesday, June 08, 2011

Time: 14:00-17:00 Hrs.

Max. Marks: 80

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

1A. Describe the physiological and acoustical aspects of stop consonants.

1B. Write notes on EPG.

(12+4 = 16 marks)

2A. Why is VP assessment considered crucial in cleft palate cases?

2B. Briefly describe various technique used in the evaluation of VP mechanism.

(6+10 = 16 marks)

3A. Describe the associated problems encountered in cleft palate population.

3B. What are the different types of cleft lip and palate?

(10+6 = 16 marks)

4. Describe the cognitive linguistic approaches to phonological disorder.

(16 marks)

5A. Explain the speech characteristics in Glossectomy.

5B. Explain the motor theory of speech perception.

(8+8 = 16 marks)

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

6A. Palatal lift prosthesis.

6B. Oral stereognosis.

6C. Soft palate.

6D. Stimulability testing.

6E. Phonological process.

(4×4 = 16 marks)



MANIPAL UNIVERSITY
SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2011
SUBJECT: VOICE AND LARYNGECTOMY (B.2.1.4)

Friday, June 10, 2011

Time: 14:00-17:00 Hrs.

Max. Marks: 80

☞ **Question number 6 is compulsory. Answer any FOUR from the rest.**

1. Using appropriate diagram, describe the cartilages of larynx. Add a note on contribution to phonation.

(16 marks)

2A. Justify the need for voice evaluation in dysphonics.

2B. Discuss the importance of perceptual voice evaluation in the diagnosis of voice disorders.

2C. Explain the pitch parameters conventionally evaluated in dysphonics.

(6+5+5 = 16 marks)

3A. What is paralytic dysphonia?

3B. Describe the voice characteristic, assessment protocol, prognosis and management of vocal fold paralysis.

(4+12 = 16 marks)

4A. Define normal and abnormal voice.

4B. Describe mutational voice disorders and their assessment and management.

(4+12 = 16 marks)

5A. Compare the structural anatomy of the head and neck before and after laryngectomy.

5B. Describe the techniques for teaching esophageal speech.

(6+10 = 16 marks)

6. Write short notes on any FOUR:

6A. Geriatric voice

6B. Model of voice production

6C. Artificial larynx

6D. Primary TEP Vs Secondary TEP

6E. Transexual voice disorders

(4×4 = 16 marks)



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MANIPAL UNIVERSITY
SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2011
SUBJECT: DIAGNOSTIC AUDIOLOGY (B.2.2.2)

Monday, June 13, 2011

Time: 14:00-17:00 Hrs.

Max. Marks: 80

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

1. Discuss clinical usefulness of “Jerger box pattern” with neat diagram. (16 marks)

2. Describe the instrumentation for ABR with the neat block diagram. (16 marks)

3. Explain masking level difference and dichotic digit test with reference to the administration and interpretation. Mention the advantages and disadvantages of both. (16 marks)

4. For a person with suspected RCP, select any four best behavioral tests according to you for differential diagnosis - justify. Explain the test principle, procedure and interpretation. (16 marks)

5. Explain the factors which affect speech audiometry. (16 marks)

6. **Write short notes on any FOUR of the following:**
 - 6A. LLR.
 - 6B. OAEs.
 - 6C. Tone decay tests.
 - 6D. Duration pattern test.
 - 6E. Reflex decay test.

(4×4 = 16 marks)

MANIPAL UNIVERSITY

SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2011

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

Wednesday, June 15, 2011

Time: 14:00-17:00 Hrs.

Max. Marks: 80

- 1A. Briefly explain research process.
 1B. What do you mean by validity of a tool? Define the various types of validity.
(5+5 = 10 marks)

- 2A. Discuss quantitative and qualitative variables with examples.
 2B. Present the following data using a pie diagram.

Causes of low birth weight in 360 children in a city

Causes	No. of Children
Maternal malnutrition	180
Lack of antenatal care	90
Systemic disease of mother	30
Congenital defects in children	15
Multiple pregnancy	45

(5+5 = 10 marks)

- 3A. With the help of an example explain stratified random sampling.
 3B. Briefly explain case report studies.
(5+5 = 10 marks)

- 4A. Define range, inter quartile range, variance, standard deviation and coefficient of variation.
 4B. Erythrocyte Sedimentation Rate (ESR) readings (in mm) of 12 tuberculosis patients are given below. Calculate the various measures of central tendency for this data.

12	8	11	9	8	15	8	12	8	9	11	10
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(5+5 = 10 marks)

5. From the following data of a city during the year 2005, Calculate:
- i. Infant mortality rate
 - ii. Post Neo-natal Mortality Rate
 - iii. Crude birth rate
 - iv. Maternal mortality rate
 - v. Peri-natal Mortality Rate

Data:

Mid-year population for the year 2005	440,000
Late fetal deaths	29
No. of live births	5200
No. of infant deaths	423
No. of maternal deaths	89
No. of infants deaths in the 1 st month of life	168
No. of infants deaths within 7 days of age	83

(10 marks)

6. Write short notes on:

- 6A. Prevalence and incidence with examples.
- 6B. Scales of measurements.
- 6C. Histogram with an example.
- 6D. Health information system and its requirements.
- 6E. Normal distribution and its properties.
- 6F. Correlation.

(5×6 = 30 marks)



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MANIPAL UNIVERSITY

SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2011

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

Friday, June 17, 2011

Time: 14:00-17:00 Hrs.

Max. Marks: 80

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

1A. What are the points to be highlighted while counselling the new hearing aid user?

1B. Write a note on audiological line of management for conductive hearing loss.

(8+8 = 16 marks)

2. Describe the prescriptive formulae for linear hearing aids.

(16 marks)

3. Write about the components and candidacy selection for cochlear implants.

(16 marks)

4. How would you use real measures in hearing aid selection?

(16 marks)

5. Discuss the historical development of hearing aids.

(16 marks)

6. Write short notes on any FOUR:

6A. Compression knee point and ratio.

6B. Induction loop.

6C. Total harmonic distortion.

6D. Directional microphone.

6E. Dampers.

(4×4 = 16 marks)



MANIPAL UNIVERSITY**· SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2011****SUBJECT: EDUCATIONAL AUDIOLOGY (B.2.2.4)**

Monday, June 20, 2011

Time: 14:00-17:00 Hrs.

Max. Marks: 80

✍ **Answer any FIVE questions. Question number 1 is compulsory.**

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

- 1A. Critical age.
- 1B. Indian sign language.
- 1C. Induction loop system.
- 1D. Infra red System.
- 1E. Fitzgerald Key

(4×4 = 16 marks)

2. Prepare a home training programe for a one year old child who has been diagnosed with moderate hearing loss and fitted with appropriate amplification.

(16 marks)

3. What is integration and describe its types? What are the factors affecting integration?

(16 marks)

4. What are the points to be highlighted while counseling parents and teachers of a child with hearing impairment?

(16 marks)

5. Write a note on group amplification devices. List their merits and demerits.

(16 marks)

6. Discuss the educational problems of hearing impaired in India. How do you overcome that?

(16 marks)



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MANIPAL UNIVERSITY

SECOND YEAR B.A.S.L.P. DEGREE EXAMINATION – JUNE 2011

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

Wednesday, June 22, 2011

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. Discuss in detail the anatomy of middle ear with a neat labeled diagram.

OR

Discuss about the voice rehabilitation after laryngectomy.

(10 marks)

2. Write short notes on any SIX:

2A. Rinne's Test

2B. Ototoxicity

2C. Acoustic trauma

2D. Singer's nodule

2E. Passavant's ridge

2F. Stroboscopy

2G. Tympanosclerosis

(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. Mass Media.

3B. Institution Based Services.

3C. Team Approach.

3D. Consumer Protection Act.

(5×2 = 10 marks)

4. Discuss the different service delivery approaches for the disabled.

(15 marks)

5. Elaborate the different conditions in Health that burden rehabilitation. What are the preventive measures taken to overcome these conditions?

(15 marks)

6. Explain the role of RCI in developing manpower for the rehabilitation sector.

(15 marks)

