

MANIPAL UNIVERSITY**FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2016****SUBJECT: FLUENCY AND ITS DISORDERS (B 5.1)**

Tuesday, June 07, 2016

Time: 10.00-13.00 Hrs.

Max. Marks: 80

✍ **Answer ALL questions.**

- 1A. Explain T-TRIP.
1B. Explain rate of speech as a domain of fluency and factors affecting it.

OR

- 2A. Describe Aprosodia Battery.
2B. Knowledge of normal fluency development is crucial for an SLP. Justify.

(4+8 = 12 marks)

- 3A. Describe spontaneous recovery in stuttering.
3B. Expand and describe SAAND.

OR

- 4A. Elaborate the avoidance behaviors in stuttering.
4B. Van Riper's tracks vs. Starkweather's tracks.

(4+8 = 12 marks)

5. Which is the best learning theory of stuttering? Explain and justify.

OR

6. Describe stuttering as a disorder of prosody.

(12 marks)

7. Differentially diagnose between NNF and developmental stuttering.

OR

8. Elaborate on the Stuttering Prediction Instrument and its interpretation.

(12 marks)

- 9A. Elucidate evidence based practice.
9B. Critically evaluate airflow based techniques in fluency therapy.

OR

- 10A. Describe the analogies used for parents of children with stuttering.
10B. Explain the treatment strategies for cluttering.

(4+8 = 12 marks)

11. **Write short notes:**

- 11A. Prosody
- 11B. Emphatic stress
- 11C. Escape behaviors
- 11D. Hard articulatory contacts
- 11E. Orton Travis model
- 11F. Contributions of Starkweather to the field of fluency
- 11G. Rate of speech
- 11H. Stuttering severity
- 11I. Maintenance
- 11J. Prescriptive parental counseling

(2 marks × 10 = 20 marks)



MANIPAL UNIVERSITY**FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2016****SUBJECT: MOTOR SPEECH DISORDERS IN ADULTS (B 5.2)**

Thursday, June 09, 2016

Time: 10.00-13.00 Hrs.

Max. Marks: 80

- ✗ **Answer ALL the questions.**
✗ **Draw neat labeled figures wherever appropriate.**

- 1A. Define dysarthria. Mention the types of dysarthria.
1B. Describe the various causes of dysarthria.

(4+8 = 12 marks)

OR

- 2A. Discuss the implications of bilateral tongue paralysis in speech production.
2B. Describe the clinical features of uppermotor neuron dysarthria.

(6+6 = 12 marks)

3. Discuss the subjective and objective assessment of phonatory and articulatory problems associated with dysarthria.

(12 marks)

OR

- 4A. What are advantages and disadvantages of perceptual assessment of dysarthria?
4B. Describe FDA-2.

(6+6 = 12 marks)

- 5A. Discuss the role of pharmacological treatment in the management of dysarthrias.
5B. Describe the role of speech pathologists in the management of dysarthria.

(4+8 = 12 marks)

OR

6. Differentially diagnose dysarthria from aphasia.

(12 marks)

7. Discuss the role of augmentative communication in an individual with AOS.

OR

8. Discuss the characteristics of speech in individuals with AOS.

(12 marks)

- 9A. Devise a clinical swallowing examination protocol for your clinic.
9B. Enumerate the characteristic features of esophageal stage dysphagia.

OR

- 10A. What is esophageal dysphagia? What are the characteristics of esophageal stage dysphagia?
10B. Describe the role of speech pathologists in the management of esophageal stage dysphagia.

(8+4 = 12 marks)

11. **Write short notes on the following:**

11A. FEES

11B. Cervical auscultation

11C. Motor speech profile

11D. Festinating gait

11E. Visual feedback

11F. Orosensory awareness

11G. ABA

11H. Prosodic errors in apraxia

11I. Dysmetria

11J. Motor neuron disease

(2 marks × 10 = 20 marks)



MANIPAL UNIVERSITY
FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2016
SUBJECT: TECHNOLOGY & AMPLIFICATION DEVICES FOR PERSONS WITH
HEARING IMPAIRMENT (B 5.3)

Saturday, June 11, 2016

Time: 10.00-13.00 Hrs.

Max. Marks: 80

✍ Answer Section “A” and Section “B” in separate answer books.

SECTION A – ELECTRONICS (35 MARKS)

✍ Answer ALL the FIVE questions.

1. Briefly discuss amplifiers and oscillators.

OR

2. What is a filter network? What are the different types of filter networks?

(7 marks)

3. Explain the working of a NPN transistor.

OR

4. With the help of a block diagram explain the working of a microprocessor and its advantages.

(7 marks)

5. Write short notes on:

5A. Analog and digital signal

5B. Signal processing

(4+3 = 7 marks)

OR

6. Explain DSP based hearing aid with a neat diagram.

(7 marks)

7. Explain briefly:

7A. Horn loudspeaker

7B. Loudspeaker efficiency

(4+3 = 7 marks)

OR

8. Explain digital tape recording.

(7 marks)

9. Explain the working of CRO with a block diagram.

OR

10. What is a SLM? Explain its working.

(7 marks)

**SECTION B – AMPLIFICATION DEVICES FOR PERSONS WITH HEARING
IMPAIRMENT (45 MARKS)**

1. Define hearing aid. With the help of neat block diagram, explain the working of digital hearing aids. List the merits and demerits of digital hearing aids.

OR

2. Why output limiting systems are essential in hearing aids? Describe any one type of output limiting system.

(12 marks)

3. Describe the EAC measurement for any four Hearing Aid characteristics.

OR

4. How does pure-tone audiometry and speech audiometry help in selecting the Hearing Aids?

(12 marks)

5. Describe the selection and rehabilitation options for individuals with conductive hearing loss.

OR

6. Describe the process of selecting hearing aid through real ear measurement.

(12 marks)

7. **Write notes on any THREE:**

7A. NAL –NL1

7B. Articulation index

7C. Frequency lowering device

7D. ANSI standard

(3 marks × 3 = 9 marks)



MANIPAL UNIVERSITY**FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2016****SUBJECT: PROFESSIONAL PRACTICES IN SPEECH, LANGUAGE AND HEARING
INCLUDING COMMUNITY WORK (B 5.4)**

Monday, June 13, 2016

Time: 10.00-13.00 Hrs.

Max. Marks: 80

☞ Answer ALL the questions.

- 1A. Elaborate on the different levels of prevention.
1B. What is the need of studying epidemiology related to speech and hearing disorders?

OR

- 2A. Write an essay on educational placement options available for the disabled population.
2B. What are the factors which influence the educational placement of the disabled population?

(6+6 = 12 marks)

3. Elaborate on the services available for disabled in India.

OR

4. Describe the structure of Community Based Rehabilitation.

(12 marks)

5. What are the duties and responsibilities of SLP in hospital setups?

OR

6. Elaborate on code of ethics for SLPs.

(12 marks)

7. How would you go about planning services for disordered population?

OR

8. Elaborate on strategies that can be adopted for public awareness and education regarding communication disorders.

(12 marks)

- 9A. Describe in brief on the Consumer Protection Act.

- 9B. Importance of documentation in SLP's role as a professional as a witness.

(6+6 = 12 marks)

OR

10. Explain in detail on the Rehabilitation Council of India Act.

(12 marks)

11. **Write short notes on:**

- 11A. Incidence and prevalence
- 11B. Camp based rehabilitation
- 11C. HRR
- 11D. Prevention measures
- 11E. Professional Ethics
- 11F. Right to Education Act
- 11G. Policy making for persons with disability
- 11H. Role of media in awareness
- 11I. National Trust Act for Autism
- 11J. PWD Act

(2 marks × 10 = 20 marks)

