

**MANIPAL UNIVERSITY****FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2017****SUBJECT: FLUENCY AND ITS DISORDERS (B 5.1)**

Wednesday, June 21, 2017

Time: 10.00-13.00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. What is intonation? Trace the normal development of intonation. Describe T-TRIP as a measurement of intonation.

(2+4+6 = 12 marks)

**OR**

2. Briefly describe the developmental pattern of fluency. Emphasize the need of possessing the knowledge of development of fluency by a SLP.

(6+6 = 12 marks)

- 3A. Differentiate between neurogenic stuttering and developmental stuttering.

- 3B. Describe cluttering as a multifaceted disorder.

(6+6 = 12 marks)

**OR**

- 4A. Define stuttering as described by Wingate.

- 4B. Enumerate various conditions which induce as well as reduce the speech fluency.

(4+8 = 12 marks)

5. Discuss stuttering as an organic disorder.

**OR**

6. Stuttering is a behavior which can be modified by reinforcements and shaping. Explain with reference to the learning theories of stuttering.

(12 marks)

7. Assessment of stuttering should involve examination of dysfluencies and must extend to domains beyond dysfluencies. Elaborate.

(12 marks)

**OR**

- 8A. Discuss various associated problems among people with stuttering.

- 8B. Highlight various aspects to be considered while differentially diagnosing spasmodic dysphonia with developmental stuttering.

(6+6 = 12 marks)

9. Discuss the therapy techniques which aim at improving physiological efficiency among individuals with stuttering.

(12 marks)

OR

- 10A. Discuss the importance of follow up and booster sessions in stuttering intervention program.

- 10B. Describe MIDVAS.

(8+4 = 12 marks)

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

11A. Word level stress

11B. Suprasegmentals

11C. Van Riper

11D. Repetition vs Iteration

11E. Approach-avoidance conflict

11F. Anticipatory struggle

11G. Daly's checklist

11H. SPI

11I. Garden hose analogy

11J. FIG

(2 marks × 10 = 20 marks)



**MANIPAL UNIVERSITY**  
**FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2017**  
**SUBJECT: MOTOR SPEECH DISORDERS IN ADULTS (B 5.2)**

Friday, June 23, 2017

Time: 10.00-13.00 Hrs.

Max. Marks: 80

✍ Answer ALL the questions.

✍ Draw neat labeled figures wherever appropriate.

1A. Describe any one neurogenic condition resulting in flaccid dysarthria in adults.

1B. Write a note on tardive dyskinesia.

**OR**

2A. Describe any two demyelinating conditions leading to dysarthria in adults.

2B. Write a note on organic voice tremor.

(6+6 = 12 marks)

3A. Discuss the physiological and electrophysiological methods used in dysarthria assessment.

3B. Describe the perceptual evaluation of respiratory and articulatory speech subsystem.

**OR**

4A. Differentiate: Aphasia versus Dysarthria.

4B. Discuss the role of acoustic analysis in dysarthria evaluation.

(6+6 = 12 marks)

5A. Explain the behavioural treatment methods for articulatory deficits in dysarthria.

5A. Describe the types of AAC useful for persons with motor neuron disease.

**OR**

6A. Discuss the candidacy criteria for AAC in motor speech disorders.

6B. List the types of AAC.

(8+4 = 12 marks)

7A. Discuss the characteristics of ideomotor and ideational apraxia.

7B. Add a note on trial and error place of articulation in apraxia.

(8+4 = 12 marks)

**OR**

8A. Add a note on buccofacial apraxia.

8B. Write a treatment protocol for apraxia of speech.

(4+8 = 12 marks)

- 9A. Describe any two neurological conditions with swallowing deficits.  
9B. Elaborate on the feeding problems in children.

**OR**

- 10A. Discuss the postural adjustment techniques for dysphagia.  
10B. Write a note on range of motion exercises in dysphagia.

(8+4 = 12 marks)

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

- 11A. Rigidity  
11B. Palilalia  
11C. Speech naturalness  
11D. AMR  
11E. VOCA  
11F. Palatal lift  
11G. Accompanying deficits in apraxia  
11H. Multiple Input Phoneme Therapy  
11I. Nasogastric Tube  
11J. Cough reflex

(2 marks × 10 = 20 marks)



**MANIPAL UNIVERSITY****FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2017****SUBJECT: TECHNOLOGY & AMPLIFICATION DEVICES FOR PERSONS WITH HEARING IMPAIRMENT (B 5.3)**

Tuesday, June 27, 2017

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 questions.**

1A. What are the differences between intrinsic and extrinsic semiconductors?

1B. Explain the voltage and current division rules with suitable examples.

(2+5 = 7 marks)

**OR**

2A. What are the important applications of a diode?

2B. Describe the action of voltage regulator with a proper diagram.

(3+4 = 7 marks)

3A. What is a multi vibrator? Mention applications.

3B. Explain the function of (a) Center tapped full wave and (b) rectifier with capacitor filter with neat diagrams.

**OR**

4A. Write a note on amplifier distortion.

4B. Explain the working principle of the crystal sinusoidal oscillator with a proper diagram.

(2+5 = 7 marks)

5A. Define bit and word.

5B. Explain the difference between the analog and digital integrated circuits. Give suitable examples.

(2+5 = 7 marks)

**OR**

6A. What is the difference between a microprocessor and a CPU?

6B. Describe the various parts of computers.

(2+5 = 7 marks)

7A. What are the functions of a transducers?

7B. **Write a note on:**

i) Analog circuit

ii) Digital circuit

**OR**

8A. Why does a woofer have a large diameter cone? Why does a tweeter have a small cone?

8B. Explain the structure and working of loudspeaker.

(2+5 = 7 marks)

9A. What are the main advantages of digital recording over analog recording?

9B. Explain the mechanism of compact disc recording and reproduction of sound.

**OR**

10A. What are the basic components of a sound level meter?

10B. Draw the neat diagram of audiometer and explain.

(2+5 = 7 marks)

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

1. Hearing aids have undergone tremendous changes over the years. Trace the historical development of hearing aids.

**OR**

2. What are digital aids? Explain the working of digital aid with a neat block diagram. List their merit and demerits.

(12 marks)

3. Describe the pre-measurement procedure to be carried out for EAC.

**OR**

4. How does UCL and SDS scores help us in selecting the HA for an individual.

(12 marks)

5. Define Insertion gain. What are the steps involved in estimating insertion gain.

**OR**

6. What factors are to be considered during fitting aid to geriatrics?

(12 marks)

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

7A. Receiver in hearing aids

7B. Peak clipping

7C. Binaural hearing advantages

7D. Articulation index

(3 marks × 3 = 9 marks)



**MANIPAL UNIVERSITY****FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION – JUNE 2017**  
**SUBJECT: PROFESSIONAL PRACTICES IN SPEECH, LANGUAGE AND HEARING**  
**INCLUDING COMMUNITY WORK (B 5.4)**

Thursday, June 29, 2017

Time: 10.00-13.00 Hrs.

Max. Marks: 80

✍ **Answer ALL the questions.**

1. What are the different measures taken by Government with respect to educational rehabilitation of the disabled population?

**OR**

2. What are the different measures taken by the government for early diagnosis and treatment of high risk infants?

(12 marks)

3. Elaborate on the institution based service delivery approach with its merits and demerits.

**OR**

4. Discuss on various services available in India for the disabled population.

(12 marks)

5. Elaborate on duties and responsibilities of SLP in hospital setups.

**OR**

6. Elaborate on Professional ethics for SLPs.

(12 marks)

7. Discuss any two strategies used for public awareness along with their advantages and disadvantages.

**OR**

8. Describe the steps involved in purchase of equipment.

(12 marks)

9. Describe any two acts with respect to disability.

**OR**

10. Discuss the importance of documentation with respect to assessment and management of disabled population and also in handling legal issues.

(12 marks)

11. **Write short notes on:**

11A. Survey

11B. Prevention

11C. Institutional based rehabilitation

11D. Camp based service delivery system

11E. Industrial Employment Act

11F. ISHA code of ethics

11G. Audio visual media

11H. Budget

11I. Environmental Act

11J. Consumer Protection Act

(2 marks × 10 = 20 marks)

