

Question Paper

Exam Date & Time: 24-Feb-2020 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIFTH SEMESTER BASLP DEGREE EXAMINATION - FEBRUARY 2020
SUBJECT: BASLP 301 - FLUENCY AND ITS DISORDERS
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

Long answers:

- 1) Explain various measures for assessing parameters of fluency. Discuss the factors which influence the development of fluency. (20)
- 2) Describe stuttering as a disorder of motor speech programming. (20)
- 3) Describe various high risk factors for stuttering. (10)
- 4) Enlist various differential diagnostic features between stuttering and cluttering. (10)

5. Short essays:

- 5A) Explain the covert repair hypothesis of stuttering. (5)
- 5B) Describe the brain differences in individuals with stuttering as compared to those who do not stutter. (5)
- 5C) Discuss the development of speech effort. (5)
- 5D) Describe Stuttering Severity Instrument - 4 in detail. (5)
- 5E) Discuss the treatment options for neurogenic stuttering. (5)
- 5F) Discuss the role of analogies in treatment of children with stuttering. (5)

6) Short notes:

- 6A) FIG (2)
- 6B) Wendell Johnson (2)
- 6C) Repetition versus Iteration. (2)
- 6D) GILCU (2)
- 6E) Secondary behaviours in stuttering. (2)

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Question Paper

Exam Date & Time: 25-Feb-2020 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIFTH SEMESTER BASLP DEGREE EXAMINATION - FEBRUARY 2020

SUBJECT: BASLP 305 - TECHNOLOGY & AMPLIFICATION DEVICES FOR PERSONS WITH HEARING IMPAIRMENT
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

PART - A : TECHNOLOGY (49 MARKS)

1) Answer any THREE questions.

- 1A) Explain the working of a Sound level meter. (10)
1B) Define transistor. Explain the working of an NPN transistor. (10)
1C) Explain the working of hearing aid test box. (10)
1D) **Write short note on:** (10)
i) Velocity microphones
ii) Baffles and enclosures

2) Answer any THREE questions.

- 2A) Explain the steps involved in ADC. (5)
2B) What is an IC? Mention the different types. (5)
2C) Explain AC and DC current. (5)
2D) Differentiate RAM and ROM (5)

3) Answer any TWO questions.

- 3A) What is a resistor? (2)
3B) What do you mean by a microphone? (2)
3C) What are the different types of signal processing? (2)

PART-B:AMPLIFICATION DEVICES FOR PERSONS WITH HEARING IMPAIRMENT (51 MARKS)

4) Answer any THREE questions.

- 4A) Describe the factors considered for selecting hearing aid in paediatric population. (10)
4B) With a neat block diagram, explain the functions of basic elements of hearing aid. (10)
4C) Trace the historical development of hearing aids since last three decades. (10)
4D) What are couplers and ear stimulators? Explain the different types of coupler. (10)

5) Answer any THREE questions.

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| 5A) | CROS and BiCROS | (5) |
| 5B) | Directional hearing aids | (5) |
| 5C) | Programmable and digital hearing aids vs Analog hearing aids | (5) |
| 5D) | Insertion gain | (5) |

6) Answer any THREE questions.

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|-----|---|-----|
| 6A) | OSPL90 | (2) |
| 6B) | Hearing Aid battery | (2) |
| 6C) | Need for output limiting systems in hearing aid | (2) |
| 6D) | Body baffle effect | (2) |

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Question Paper

Exam Date & Time: 26-Feb-2020 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIFTH SEMESTER BASLP DEGREE EXAMINATION - FEBRUARY 2020
SUBJECT: BASLP 303 - MOTOR SPEECH DISORDERS IN ADULTS
(2016 SCHEME)

Marks: 100

Duration: 180 mins.

1) Long Essay Question:

- 1A) Discuss the behavioural intervention approaches for person with dysarthria. (20)
1B) Prepare a comprehensive assessment protocol for apraxia of speech. (20)

2) Essay Questions:

- 2A) Discuss the general and speech characteristics in Parkinsons disease. (10)
2B) Explain the stages of normal swallowing. (10)

3) Short Essays:

- 3A) Assessment of intelligibility in dysarthria (5)
3B) Differentiate between dysarthria and apraxia (5)
3C) Swallowing maneuvers (5)
3D) Factors to be considered while selecting an AAC device for a patient with multiple sclerosis (5)
3E) Classification of dysarthria based on site of lesion (5)
3F) Speech characteristics in Multiple Sclerosis (5)

4) Short Answers:

- 4A) Barium swallow test (2)
4B) Aided AAC (2)
4C) Tardive dyskinesia (2)
4D) Palatal lift prosthesis (2)
4E) PROMPT (2)

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