

6441 – C01 – IIIS BASLP (N) – N – 19

THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2019

(New)

VOICE AND ITS DISORDERS

Time : 2 Hours]

[Max. Marks : 50

- I. 1. Describe the structural and voice-related changes from birth to senescence. 10
Or
2. Explain pitch changing mechanism and intensity changing mechanism. 10
- II. 3. Explain the following. 2 × 5 = 10
a) Congenital voice disorders
b) Voice problems in transgenders.
Or
4. Explain the voice problems in professional voice users. 10
- III. 5. a) Explain electroglottography. 2 × 5 = 10
b) Perceptual evaluation of voice.
Or
6. Explain the aerodynamic analysis of voice. 10
- IV. 7. Explain the following: 2 × 5 = 10
a) Confidential voice therapy
b) Lee Silverman voice therapy.
Or
8. Explain the following: 2 × 5 = 10
a) Postural techniques
b) Preventive counselling for voice disorders.
- V. 9. Write the intervention strategies for the following voice disorders: 2 × 5 = 10
a) Functional aphonia
b) Sulcus vocalis.
Or
10. Explain the following: 2 × 5 = 10
a) Intervention of GERD
b) Muscle tension dysphonia.
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6442 – C02 – IIIS BASLP (N) – N – 19

THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2019

(New)

SPEECH SOUND DISORDERS

Time : 2 Hours]

[Max. Marks : 50

All questions are Compulsory.

- I. 1. How are consonants classified? Discuss various places of articulation. 10
Or
2. Define the terms 'articulation' and "Co-articulation". Discuss the types of Co-articulation with appropriate examples and highlight the clinical relevance of co-articulation. 10
- II. 3. Explain structural variations in the oral cavity which affect articulation. 10
Or
4. Explain behaviouristic and cognitive theories of phonological acquisition. 10
- III. 5. What is phonology? Describe various phonological processes in a normal child with appropriate examples. 10
Or
6. Define 'normal occlusion' and 'malocclusion'. What are the different types of malocclusion? How will they affect articulation? 10
- IV. 7. Discuss various attributes of a diagnostic test of articulation. 10
Or
8. a) What is stimulability testing? 4
b) Discuss measurement of speech intelligibility. 6
- V. 9. Describe the traditional approaches to the treatment of articulation disorder. 10
Or
10. Write a note on the rationale, features and limitations of each of the following therapy approaches.
a) Paired stimuli approach
b) Minimal contrast therapy. 10
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6443 – C03 – IIIS BASLP (N) – N – 19

THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2019

(New)

SPEECH AND HEARING

(Diagnostic Audiology: Behavioral Tests)

Time : 2 Hours]

[Max. Marks : 50

All questions are Compulsory.

1. What is the need for cross-check in audiology diagnosis? Explain. 10
Or
 2. Elaborate on the clinical indicators of cochlear and retro-cochlear pathologies. 10
 3. Explain the procedure and interpretation of SISI test. Mention any two modifications of SISI test. 10
Or
 4. Write the procedure and interpretation of any two behavioral tests for adaptation. 10
 5. What are the clinical indicators of functional hearing loss in children? Explain. 10
Or
 6. Explain the procedure and interpretation of any two behavioral tests for the identification of functional hearing loss. 10
 7. Explain the principle of redundancy in detail. 10
Or
 8. Explain the procedure and interpretation of any three monaural low redundancy speech tests. 10
 9. Write a note on vestibular reflex. 10
Or
 10. Write in detail the procedure of pitch and loudness matching in tinnitus. 10
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6444 – C04 – IIIS BASLP (N) – N – 19

THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2019

(New)

SPEECH & HEARING

(Amplification Devices)

Time : 2 Hours]

[Max. Marks : 50

All questions are Compulsory.

- I. 1. Describe the various milestones in the development of hearing device technology. 10
- Or
2. a) Explain the classification of hearing aids based on the technology used. 6
- b) How are implantable hearing aids different from RIC hearing aids? 4
- II. 3. a) Explain TILL, BILL and PILL with significance of each of it in amplification devices. 8
- b) What is head shadow effect? 2
- Or
4. Explain the various signal enhancing techniques used in hearing aids. 10
- III. 5. a) What is the purpose of electro acoustic measurement? 4
- b) Explain the variables affecting electro acoustic measurements. 6
- Or
6. Which are the aspects you would focus on while counselling a new hearing aid user? 10
- IV. 7. Explain the various audiological and non-audiological pre-selection factors to be considered during hearing aid fitting. 10
- Or
8. What is real ear measurement? Explain the procedure for measuring REUR, REAR and REIG. 10
- V. 9. What are the various steps involved in the making of hard molds? 10
- Or
10. What are the effects of vents and horns on hearing aid output? 10
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6445 – C05 – IIIS BASLP (N) – N – 19

THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2019

(New)

RESEARCH METHODS AND STATISTICS

Time : 2 Hours]

[Max. Marks : 50

- I. 1. Define research and its purpose. 5
2. Explain the steps involved in formulation of research question. 5
Or
3. What is sampling? What are the different methods of sampling? 6
4. Define hypothesis and its types. 4
II. 5. With an example, explain factorial design. 7
6. Explain validity and its types. 3
Or
7. Explain the steps involved in report writing. 10
III. 8. Explain different scales of measurement. 8
9. Define the terms:
a) Population
b) Parameter. 2
Or
10. Write the properties of normal distribution. 8
11. Define the following terms: 2
a) Skewness
b) Kurtosis.
IV. 12. Calculate the Pearson's correlation coefficient for the following data: 10
- | Number of Subjects | Age in years | Number of dysfluency per minute |
|--------------------|--------------|---------------------------------|
| 1 | 3 | 10 |
| 2 | 5 | 7 |
| 3 | 4 | 8 |
| 4 | 7 | 5 |
| 5 | 9 | 6 |
| 6 | 3 | 12 |
| 7 | 6 | 8 |
| 8 | 5 | 7 |
| 9 | 3 | 12 |
| 10 | 8 | 6 |

Or

[P.T.O.]

13. Explain the following non-parametric tests:
- a) Chi square test
 - b) Wilcoxon signed rank test.
- V. 14. Define and illustrate: 5
- a) Incidence
 - b) Prevalence.
15. Write a note on incidence and prevalence of speech and hearing problems in India. 5
- Or
16. Write an essay on epidemiologic methods. 10
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6446 – C06 – IIIS BASLP (N) – N – 19

THIRD SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2019

(New)

PERSONALITY DEVELOPMENT

Time : 3 Hours]

[Max. Marks : 80

Answer any four from first six.

Question No. 7 is Compulsory.

1. Define personality and discuss the personality development as a process. 4 × 15 = 60
 2. Examine the Sigmund Freud's theory of personality development.
 3. Critically evaluate the intellectual and family as the determinants of personality.
 4. Evaluate the meaning of perception and discuss the principles of perception.
 5. Define cognition and discuss the Piaget's theory of cognitive development.
 6. Define communication and discuss the process of communication.
 7. Write short notes on any **four** of the following: 4 × 5 = 20
 - a) Identity Vs. role confusion.
 - b) Leadership
 - c) Interview
 - d) Attitude
 - e) 16 PF.
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