

7415 – E01 – VS BASLP – N – 17

FIFTH SEMESTER (III Year) B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017

MOTOR SPEECH DISORDERS IN CHILDREN

Time : 2 Hours]

[Max. Marks : 50

I. 1. With the help of a diagram, briefly explain the motor areas in cerebral cortex. (10)

Or

2. List and briefly explain about the cranial nerves important for speech production. (10)

II. 3. Explain different associated problems in individuals with cerebral palsy. (10)

Or

4. Outline the assessment protocol for individuals with cerebral palsy. (10)

III. 5. (a) How do you differentially diagnose apraxia and dysarthria? (5)

(b) What are the differences between oral and verbal apraxia? (5)

Or

6. Explain in details any two therapy techniques used with developmental apraxia of speech. (10)

IV. 7. Write short notes on:

(a) Juvenile progressive bulbar palsy. (5)

(b) Congenital supranuclear palsy. (5)

Or

8. Describe the speech problems associated with mental retardation. (10)

V. 9. What AAC management technique will you plan, design and use for a 10 years old quadriplegic spastic cerebral palsy with moderate mental retardation. (10)

Or

10. What are the considerations in using AAC for a child with developmental apraxia of speech. (10)

7416 – E02 – VS BASLP – N – 17

FIFTH SEMESTER (III Year) B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017

CHILD LANGUAGE DISORDERS

Time : 2 Hours]

[Max. Marks : 50

- I. 1. Compare and contrast the biological maturation theory and behavioural theory of languages acquisition in children. (10)

Or

2. (a) What are the pre-requisites for language development according to the cognitive theorists? (4)
(b) Which theory of languages acquisition do you support and why? (6)

- II. 3. Briefly explain the neurobiological correlates of languages acquisition. (10)

Or

4. What is the relationship between cerebral dominance, plasticity and language acquisition in children? (10)

- III. 5. (a) Describe the speech and language characteristic of children with SLI. (6)
(b) Define intellectual disability. Give any one classification. (4)

Or

6. Highlight the classification of autism spectrum disorder. (10)

- IV. 7. Describe any two languages tests used in the assessment of school age children between 7-10 years (10)

Or

8. Describe an assessment procedure for a child with SLI. (10)

- V. 9. "Rehabilitation of children with language disorders involves a team approach". Who are the members of team and what is their role? (10)

Or

10. (a) Define modelling and expansion in language therapy. (5)
(b) Illustrate both with examples. (5)
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7417 – E04 – VS BASLP – N – 17

FIFTH SEMESTER (III Year) B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017

SCIENTIFIC ENQUIRY IN SPEECH & HEARING

Time : 2 Hours]

[Max. Marks : 50

- I. 1. a) Define research. 2
b) Describe problem formulation by giving an example of your choice in the area of speech and hearing. 8
Or
2. Why is the field of speech language pathology and audiology considered under behavioural science? 10
- II. 3. a) What is data? 2
b) Compare independent Vs dependent variables. 2
c) Comment on planning in research. 6
Or
4. Write an essay on measurement procedures in speech language pathology and audiology. 10
- III. 5. a) Describe factorial designs. 7
b) Write a note on normative research. 3
Or
6. Explain group designs with examples. 10
- IV. 7. Describe all types of statistical analysis in behavioural science. 10
Or
8. a) Calculate measures of central tendencies for the following data on age in months of children at detection of hearing impairment:
6, 7, 9, 9, 11, 11, 14, 14, 15, 15, 10, 12, 12, 12, 8, 10, 10, 10, 17, 20 6
b) Write a note on Gaussian curve. 4
- V. 9. Write about ethics of research in behavioural science. 10
Or
10. a) What are the qualities of a good researcher. 5
b) Write a note on report writing. 5
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7418 – E04 – VS BASLP – N – 17

FIFTH SEMESTER (III Year) B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017

**ORGANISATION AND ADMINISTRATION
OF SPEECH AND HEARING CENTRES**

Time : 2 Hours]

[Max. Marks : 50

- I. 1. Explain the functions of Speech and Hearing Centres in medical and non-medical set-up. 10
- Or
2. a) Write a note on Community-based rehabilitation. 5
b) Discuss the importance of evidence based practice. 5
- II. 3. Write an essay on Disability-related acts in India. 10
- Or
4. a) Discuss facilities available for Speech and Hearing disabled. 5
b) Write a note on Noise Pollution Act and Consumer Protection Act. 5
- III. 5. Explain in detail the procedure and precautions to start up a Speech and Hearing Clinic. 10
- Or
6. a) Describe the procedure of recruitment of staff for a Speech and Hearing Institute. 6
b) Write a note on Salary for Speech and Hearing Professional. 4
- IV. 7. What is budget? What are the possible source of income and expenditure? 10
- Or
8. a) Write a note on purchase formalities. 5
b) Write a note on leave rules and other benefits. 5
- V. 9. Write an essay on Public Education activities to be carried out in the field of Speech and Hearing. 10
- Or
10. (a) What is the importance of marketing skills in Speech and Hearing? 5
(b) Write a note on ethical standards to be followed in Speech and Hearing. 5
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7419 – E05 – VS BASLP – N – 17

FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017

HEARING AIDS

Time : 2 Hours]

[Max. Marks : 50

- I. 1. Which era witnessed revolutionary changes in hearing aid technology? Justify your statement. 10
- Or
2. Explain the functioning of the following in hearing aids:
- a) Microphone 5
- b) Receiver 5
- II. 3. Who are the ideal candidates for Classic CROS hearing aids? How Classic CROS is different from other CROS hearing aids? 10
- Or
4. How is the working of Bone Anchored Hearing Aid different from BC hearing aids? Explain the candidacy for each. 10
- III. 5. What is the purpose of following in hearing aids?
- a) Extended low frequency amplification 2
- b) Frequency transposition 3
- c) Compression 5
- Or
6. a) What feature in hearing aid would you suggest for an individual with high frequency sensory neural hearing loss with recruitment problem? Justify your statement. 5
- b) Explain the difference between input and output compression. 5
- IV. 7. a) What modification will you suggest for an individual with sloping sensorineural hearing loss who complains of own voice booming? Justify your statement. 5
- b) 'Impression taking in perforated ear has to be done under caution'. Write your own view on the statement. 5
- Or
8. a) What are the purpose of ear mould? 4
- b) Explain the making of hard mould for an adult with body level analog hearing aid 6
- V. 9. List out the couplers used for electroacoustic measurements with the salient features of each. How are those different from an ear simulator? 10
- Or
10. What is the significance of the following?
- a) Levelling b) Environmental tests 5+5

7420 – E06 – VS BASLP – N – 17

FIFTH SEMESTER (III Year) B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2017

PEDIATRIC AUDIOLOGY

Time : 2 Hours]

[Max. Marks : 50

- I. 1. Describe the challenges in identifying mild hearing loss and sloping hearing loss. Mention the importance of identifying mild and sloping hearing loss. 10
- Or
2. a) Describe JICH-2007 Position Statement and mention the differences from earlier JCIH Position Statements. 6
- b) Describe the advantages and disadvantages of using HRR for hearing Screening. 4
- II. 3. Explain the procedure interpretation, advantages and disadvantages of BOA. 10
- Or
4. a) Describe the advantages and disadvantages of objective test used for hearing Screening. 4
- b) Discuss hearing Screening using OAE and ABR. 6
- III. 5. a) Write a note on prenatal hearing. 5
- b) Write a note on embryological development of inner ear. 5
- Or
6. Knowledge about development of auditory behaviour is important for hearing Screening - Discuss. 10
- IV. 7. Explain hearing testing methods that can be used for children above 6 months old. 10
- Or
8. What modifications will you recommend while testing children with Mental retardation, Cerebral palsy and autism. 10
- V. 9. Discuss procedure to establish SDT SRT and Speech Identification Scores in children. 10
- Or
10. Describe Ling's Six Sound test Early Speech perception test, Auditory number test. 10
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