

6447 – E01 – VS BASLP – N – 19

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

MOTOR SPEECH DISORDERS IN CHILDREN

Time : 2 Hours]

[Max. Marks : 50

- I. 1. Write an essay on motor areas in cerebral cortex with a neat diagram. 10
- Or
2. a) Explain sensori motor integration. 7  
b) Functions of thalamus. 3
- II. 3. Explain the characteristics of the following conditions:  $4 \times 2.5 = 10$   
a) Chorea.  
b) Tic disorder.  
c) Rigidity.  
d) Dystonia.
- Or
4. Write short notes on:  
a) Bobath approach. 4  
b) Team approach in rehabilitation of children with cerebral palsy. 6
- III. 5. Explain verbal and non-verbal apraxia. 10
- Or
6. Explain any two therapy techniques for children with developmental apraxia of speech. 10
- IV. 7. Explain the following:  $2 \times 5 = 10$   
a) Juvenile progressive bulbar palsy.  
b) Duchenne muscular dystrophy.
- Or
8. a) Define Mental Retardation. Briefly explain the neurogenic aspects of Mental Retardation. 7  
b) Speech problems seen in children with mental Retardation. 3
- V. 9. a) What are the principles of AAC assessment. 8  
b) Define AAC. 2
- Or
10. a) Explain the use of AAC in childhood apraxia of speech. 5  
b) Assessment of AAC candidacy. 5
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6448 – E02 – VS BASLP – N – 19

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

CHILD LANGUAGE DISORDERS

Time : 2 Hours]

[Max. Marks : 50

*All questions are Compulsory.*

- I. 1. Briefly describe the clinical application of any two theories of language acquisition. 10
- Or
2. Critically evaluate the biological maturation theory and behavioural theory of language acquisition in children. 10
- II. 3. What are the different methods available for studying cerebral dominance? 10
- Or
4. Discuss the neurological development correlates and its relevance in language acquisition. 10
- III. 5. Discuss the different pervasive developmental disorders. Write in brief the core features that help in the differential diagnosis of the above. 10
- Or
6. Discuss the difference between congenital and acquired childhood dysphagia. 10
- IV. 7. Describe assessment procedures for children with Autism. 10
- Or
8. What is the relationship between specific language impairment and learning disability? 10
- V. 9. What are the behavioural methods used in the intervention of children with language impairment? 10
- Or
10. Write short notes on the management of language deviations in
- a) Down's syndrome
- b) Children with Autism. 10
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**6449 – E03 – VS BASLP – N – 19**

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

**SPEECH AND HEARING**

**(Scientific Enquiry in Speech and Hearing)**

Time : 2 Hours]

[Max. Marks : 50

*All questions are Compulsory.*

- I. 1. Discuss the need for scientific enquiry in the field of Speech Language Pathology and Audiology. 10
- Or
2. a) What are the different types of hypothesis? 6  
b) How do you formulate a hypothesis? 4
- II. 3. Explain the various methods of measurement of data in speech language pathology with suitable examples. 10
- Or
4. a) Explain dependent and independent variables with suitable example. 5  
b) Brief about the four levels of measurements. 5
- III. 5. Discuss any two research designs used in the field of Audiology. 10
- Or
6. What is the importance of ABA design in speech language Pathology. 10
- IV. 7. What is sampling? What are the different types of sampling? 10
- Or
8. a) What are the measures of central tendency? 5  
b) Describe descriptive statistics. 5
- V. 9. What are the different ethical considerations in research in Audiology and Speech Language Pathology. 10
- Or
10. Discuss about the components of a good research report. 10
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6450 – E04 – VS BASLP – N – 19

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

ORGANISATION AND ADMINISTRATION OF SPEECH AND HEARING CENTRES

Time : 2 Hours]

[Max. Marks : 50

- I. 1. What is Community Based Rehabilitation (CBR)? Discuss the usefulness of CBR in the field of speech and hearing. 6
2. Explain the role of itinerant speech therapist, anganwadi worker and resource teacher. 4
- Or
3. Write an essay on functions of speech and hearing centres in different set-up. 10
- II. 4. What are the facilities available for speech and hearing disabled in India? 10
- Or
5. Write a note on code of ethics of Indian Speech and Hearing Association. 5
6. Write a note on Consumer Protection Act and its application in the field of speech and hearing. 5
- III. 7. As a private practitioner how will you set up your own speech and hearing centre? 10
- Or
8. Write an essay on the procedure involved in the recruitment of personnel. 5
9. Write a note on salary and its divisions. 5
- IV. 10. As a private practitioner, how will you prepare budget of your clinic? 6
11. Write a note on record maintenance. 4
- Or
12. Write a note on purchase formalities. 5
13. Write a note on leave rules. 5
- V. 14. Discuss the merits and demerits of public education methods. 10
- Or
15. Explain the procedure for organising a speech and hearing camp. 5
16. Write a note on marketing in the field of private practice. 5
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## 6451 – E05 – VS BASLP – N – 19

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

### HEARING AIDS

Time : 2 Hours]

[Max. Marks : 50

- I. 1. Describe the development of hearing aids over the period. 5
2. Explain similarities and differences in elements of analogue and digital hearing aids. 5
- Or
3. Draw a block diagram of hearing aids and explain the function of each of the element. 10
- II. 4. Draw a block diagram of any two group amplification device and describe their advantages and disadvantages. 10
- Or
5. Explain the advantages of binaural amplification over monaural amplification. 6
6. Write a note on implantable hearing aids. 4
- III. 7. Define compression and explain the parameters of compression. 5
8. Explain the candidacy, functioning, advantages and disadvantages of frequency transposition. 5
- Or
9. Write an essay on CROS hearing aids. 10
- IV. 10. Describe various types of earmolds and their application in clinical population. 6
11. Describe the procedure involved in preparation of hard earmold. 4
- Or
12. Explain the different earmold modifications and their usefulness. 10
- V. 13. Explain the parameters of electroacoustic measurement. 10
- Or
14. Write a note on environmental test. 6
15. Factors affecting electroacoustic measurement. 4
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**6452 – E06 – VS BASLP – N – 19**

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

**SPEECH AND HEARING**

**(Pediatric Audiology)**

Time : 2 Hours]

[Max. Marks : 50

*All questions are Compulsory.*

1. What is the need for high risk register in auditory screening? Explain the use of high risk register in Indian scenario. 10
- Or
2. Differentiate between universal newborn hearing screening and high risk register. 10
3. What is the need for identifying mild and fluctuating hearing loss? 10
- Or
4. What are the methods used to screen conductive hearing in children? Explain. 10
5. Explain the embryological development of human auditory system with suitable diagrams. 10
- Or
6. Explain the development of auditory behaviour during infancy. 10
7. Explain the procedure and interpretation of visual reinforcement audiometry. 10
- Or
8. What are the modifications required in hearing testing for assessment of auditory sensitivity in children with multiple handicap? 10
9. Explain the modification required while carrying out speech audiometry in children. 10
- Or
10. Write a note on the speech material available in Indian languages to test speech audiometry. 10