

1428 – E01 – VSBASLP – N – 18



FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2018 MOTOR SPEECH DISORDERS IN CHILDREN

Time : 2 Hours]

[Max. Marks : 50

- I. 1) Draw a neat diagram of cerebral cortex and label the motor areas and explain its functions. 10

OR

- 2) Explain the following : (2.5×4=10)

- a) Cerebellum
- b) Dysarthria
- c) Thalamus
- d) Developmental apraxia.

- II. 3) Explain the subjective and objective methods of assessment in Cerebral Palsy. 10

OR

- 4) Importance of team approach in rehabilitation of children with Cerebral Palsy. 10

- III. 5) Write an essay on facilitation techniques for oral motor movements for children with apraxia. 10

OR

- 6) Explain verbal and non-verbal apraxia. 10

[P.T.O.]



IV. 7) a) Explain the speech characteristics of children with mental retardation. 7

b) Define mental retardation and its types. 3

OR

8) Explain the following : (5×2=10)

a) Juvenile progressive Bulbar Palsy.

b) Congenital Supranuclear Palsy.

V. 9) Discuss the application of AAC methods in development motor speech disorders. 10

OR

10) Write short notes on : (5×2=10)

a) Types of AAC

b) Assessment for AAC candidacy.

1429 – E02 – VSBASLP – N – 18



FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2018 CHILD LANGUAGE DISORDERS

Time : 2 Hours]

[Max. Marks : 50

Instruction : Answer all questions.

- I. 1) Briefly describe the clinical relevance of cognitive theory of language acquisition. 10
OR
- 2) Describe clinical application of "Pragmatic theory" in child language disorders. 10
- II. 3) Explain the neurobiological correlates of language development with suitable diagrams. 10
OR
- 4) Delineate the neurochemical correlates of language acquisition. 10
- III. 5) Describe the reading, writing, mathematical and language deficits in children with learning disability. 10
OR
- 6) Discuss the language characteristics in children with mental retardation. 10
- IV. 7) Describe the assessment procedures for children with autism. 10
OR
- 8) Describe any two language tests used in the assessment of school age children between 7-10 years. 10
- V. 9) What is the role of counselling in language therapy ? 10
OR
- 10) a) What is programmed learning ? 4
b) How would you apply it in language therapy ? 6
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FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION,
NOVEMBER 2018
SCIENTIFIC ENQUIRY IN SPEECH AND HEARING

Time : 2 Hours]

[Max. Marks : 50

Instruction : Answer all the questions.

- I. 1) Describe the steps involved in choosing a research problem and formulation of research question. 10

OR

- 2) Research is essential in behavioural science. Discuss. 10

- II. 3) Write short notes on :

a) Identification of variables. 4

b) Measurement procedures in audiology and speech language pathology. 4

c) Raw data. 2

OR

- 4) a) What are the different types of data ? 5

b) What are the different variables in scientific enquiry ? 5

- III. 5) What are research designs ? Explain the various research designs with suitable examples. 10

OR

- 6) Discuss the significance of the following in communication sciences.

a) ABA design. 5

b) Time series design. 5

[P.T.O.]



IV. 7) Differentiate between parametric and non parametric statistical evaluations. 10

OR

- 8) Write notes on :
- a) Paired and independent T Test. 5
 - b) Normality of data. 2
 - c) Mean and median. 3

V. 9) Discuss the importance of ethical guidelines for researchers. 10

OR

- 10) a) What are the components of a research article ? 5
- b) Explain scientific report writing. 5
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1431 – E04 – VSBASLP – N – 18



FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2018 ORGANISATION AND ADMINISTRATION OF SPEECH AND HEARING CENTRES

Time : 2 Hours]

[Max. Marks : 50

I. 1) Discuss the functions of speech and hearing centres in different set ups. 10

OR

2) Write a note on community based rehabilitation. 5

3) What are the functions of Anganwadi workers ? 5

II. 4) Write an essay on provisions available to the disabled in India under different Disability Acts. 10

OR

5) Write a note on code of ethics given by Indian speech and hearing association. 5

6) Write a note on Noise Pollution Act. 5

III. 7) How would you set up a speech and hearing clinic in an urban area ? Discuss. 10

OR

8) Write an essay on recruitment procedure and salary. 10

[P.T.O.]



IV. 9) Describe the details of purchase of equipments in an institution. 5

10) Write a note on record maintenance in a speech and hearing set up. 5

OR

11) Write a note on budget. 5

12) Write a note on various types of leaves. 5

V. 13) Write an essay on various public education methods. 10

OR

14) What are the steps in organising a speech and hearing camp ? 5

15) Write a note on marketing in the field of speech and hearing. 5

1432 – E05 – VS BASLP – N – 18



FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2018 HEARING AIDS

Time : 2 Hours]

[Max. Marks : 50

Instruction : Answer *all* the questions.

- I. 1) Explain the advances that happened in hearing aid technology during the transistor and digital era. 10

OR

- 2) Describe the types and functioning of transducers used in hearing aids. 10

- II. 3) a) What are the different group amplification devices available for individuals with hearing impairment ? 4

- b) Which group amplification device will you select for a child with profound sensorineural hearing loss in school ? Justify your answer. 6

OR

- 4) a) Who are the candidates for Bone Anchored Hearing Aids ? 3

- b) Describe the components and functioning of Bone Anchored Hearing Aid. 7

- III. 5) a) Discuss the need for compression in Hearing Aid. 5

- b) What are the advantages of compression over peak clipping ? 5

OR

[P.T.O.]



- 6) a) What is head shadow effect ? 4
- b) Discuss the influence of head shadow effect on unilateral hearing aid fitting on an individual with bilateral severe sensorineural hearing loss.

IV.7) Explain the steps involved in a hard mold making. 10

OR

- 8) What are Vents ? Discuss the types, uses and disadvantages of Vent in ear molds. 10

V. 9) Discuss the purpose of electro-acoustic measurements and the variables that influence it. 10

OR

- 10) Explain the instrumentation for EAC (electro-acoustic) measurements with a block diagram. 10

1433 – E06 – VSBASLP – N – 18



FIFTH SEMESTER B.A.S.L.P. DEGREE EXAMINATION, NOVEMBER 2018 PAEDIATRIC AUDIOLOGY

Time : 2 Hours]

[Max. Marks : 50

- I. 1) What is the need for identifying conductive hearing loss in the early stages of life ? What are the signs of conductive hearing loss in children ? 10

OR

- 2) Universal hearing screening in new borns is essential but practically difficult in Indian scenario. Justify the statement. 10

- II. 3) Write a note on semi-automatic tests for identifying hearing loss in neonates. 10

OR

- 4) Write a note on :
a) Reflex inhibition audiometry
b) Auditory response cradle. (5×2=10)

- III. 5) Explain the embryonic development of cochlea. 10

OR

- 6) Write a note on development of auditory behaviour from birth to 6 months. 10

[P.T.O.]



IV. 7) Write in detail about procedure, interpretation and modification of Visual Reinforcement Audiometry (VRA). 10

OR

8) Explain the audiological test battery for assessment of hearing in 3 year old child with mental retardation. 10

V. 9) What are the different materials available for speech audiometry in Indian languages ? Explain. 10

OR

10) What modifications can be employed for administering speech audiometry for a 5 year old child ? 10
