Reg. No. | | | | | | | | | |

Credit Based Fifth Semester BASLP Degree Examinations

December 2008

BAPSLC - 301 -Neuromotor Speech Disorders

Time : 3 Hours | Max.Marks: 100

Note : Answer ALL questions

UNIT- I

1. a. Define CP as per the National Trust Act (1992). 04
   What are causes of cerebral palsy? 08
   Describe the different types of cerebral palsy. 08

OR

2. Describe the speech characteristics seen in children with CP. 10
   Outline the assessment approaches for communication skills in children with CP. 10

UNIT- II

3. Describe the role of AAC in the rehabilitation of children with CP. 12
   Write a note on the frequently used AAC strategies in Indian contexts. 08

OR

4. Write short notes on : a) Gilles de la tourrette b) muscular dystrophy 20

UNIT- III

5. Write an essay on the role of basal ganglia and cerebellum in neuro motor speech controls. 20

OR

6. Write a note on the importance of the cranial nerves on speech with appropriate figures and tables. 20

UNIT- IV

7. Explain the instrumental analyses used in Dysarthria assessment for each of the speech subsystems. 20

OR

8. Describe the therapeutic management of the phonatory and resonatory disorders in dysarthric. 20

UNIT- V

9. a. What are the differential diagnostic criteria between acquired apraxia and childhood dyspraxia in terms of etiology and characteristics? 12

   b. Write short notes on any two formal standardized tests in the assessment of acquired apraxia. 08

OR

10. a. Briefly write about the developmental stages of feeding 12
    b. List the important principles of dysphagia management. 08

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Credit Based Fifth Semester BASLP Degree Examinations

December 2008

BAPSLC - 304 -Statistics and Research in Audiology and Speech language pathology

Time : 3 Hours Max.Marks: 100

Note : Answer the following questions

UNIT- I

1. a. Describe the importance of statistics in behavioural science. 10

   b. Explain the different scales of measurements with examples. 10

OR

2. What is the importance of data collection? Briefly describe the different method of data collection with examples from speech and hearing. 20

UNIT- II

3. a. Find the mean and median for the following data. 10

Scores	Frequency
90-94	2
85-89	2
80-84	4
75-79	8
70-74	6
65-69	13
60-64	9
55-59	7
50-54	5
45-49	2
40-44	2

   b. Describe the general properties of normal probability curve with examples from speech and hearing field. 10

OR

4. a. Describe the common measures of central tendency. 10

   b. Describe the common measures of variability. 10

Contd... 2

UNIT- III

5. What is correlation? Find the Karl Pearsons Collelation for the data related to marks of theory and practicals: 20

Theory mars	Practical marks
52	10
52	12
58	14
65	20
80	20
80	17
80	17
65	14
65	12
52	12

OR

6. Explain the following terms: 4x5=20
   a. Sampling distribution
   b. Type I and Type II error
   c. Skewness and Kurtosis
   d. Rank correlation

UNIT- IV

7. a. Define science and common sense. Are they alike? Justify your answer. 10
   b. What is sampling? Explain any two methods of sampling useful in communication disorders. 10

OR

8. a. Define Hypothesis. State the criteria for a good Hypothesis and explain the need for a good hypothesis. 10
   b. What are the aims of science? Write a note on different scientific approaches. 10

UNIT- V

9. a. Distinguish between dependent and independent variables. Explain the causality in the experimentation. 10
   b. Explain the need for research in audiology and speech language pathology. 10

OR

10. a. What is bias? Describe the general types of bias and ways of handling it. 10
    b. Discuss the importance of stating the problems and hypothesis in research. 10

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Credit Based Fifth Semester BASLP Degree Examinations

December 2008

BAPSLC - 303 -Rehabilitative Audiology

Time : 3 Hours Max.Marks: 100

Note : Answer All questions

UNIT- I

1. Describe the options available for the management of mutiplly-Handicapped hearing impaired child. 20

OR

2. Describe the various management options for children with CAPD. 20

UNIT- II

3. 'Speech reading training is the best option for rehabilitation of hearing impaired children' Critically evaluate the statement. 20

OR

4. Describe the different tests for the assessment of speech reading abilities. 20

UNIT- iii

5. Discuss the factors influencing speech reading. 20

OR

6. Describe the different methods of teaching speech reading. Discuss their merits and demerits. 20

UNIT- IV

7. What is AVT? 'All the hearing impaired children should under go AVT'- Discuss. 20

OR

8. a. Describe the factors affecting auditory training . 10
   b. Describe any two methods of auditory training. 10

UNIT- V

9. a. Write a lesson plan for a 2yr old child identified to have bilateral severe sensori - nural hearing loss. 10
   b. Differentiate between anticipatory and repair strategies. 10

OR

10. Describe the strategies that can be used by hearing impaired individuals to improve communication. 20

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Credit Based Fifth Semester BASLP Degree Examinations

December 2008

BAPSLC - 302 -Pediatric Audiology

Time : 3 Hours Max.Marks: 100

Note : Answer All questions

UNIT- I

1. a. Describe the development of auditory behavior from 0-2 years
   b. Discuss the importance of knowledge of auditory behavior development in making clinical decisions. 20

OR

2. Describe the embryonic development of middle and external ear with neat diagrams 20

UNIT- II

3. a. What is sensitivity and specificity of a screening test? What are the advantages and disadvantages of using high risk registers as a screening tool? 10
   b. "OAEs are the test of choice in neonatal screening" critically evaluate the statement. 10

OR

4. a. What are the long term effects of fluctuating mild hearing loss in early childhood? 10
   b. Briefly describe the different procedure and interpretation of different tests that can be employed while screening children in school. 10

UNIT- III

5. a. Describe the need for speech audiometry in children 08
   b. What are the factors that affect speech audiometry in children? 12

OR

6. a. Briefly explain the rationale and procedure of visual reinforcement audiometry. 10
   b. What modifications will you incorporate in conditioning techniques while evaluating hearing in 6 year old mentally challenged child. 10

UNIT- IV

7. a. What are the factors that effect ABR testing in children? 10
   b. Describe the procedure to obtain frequency specific thresholds in infants. 10

OR

8. a. What in the role of otoacoustic emissions in pediatric hearing evaluation? 10
   b. Describe the development of auditory evoked potentials from infancy to adulthood. 10

UNIT- V

9. a. What are the behavioral signs of functional hearing loss in children?
   b. Briefly describe the modifications that you will incorporate in strenger test when you suspect functional hearing loss in children. 20

OR

10. a. Write a short essay on "need for testing central auditory functions in children". 08
    b. Briefly describe any two tests for binaural fusion. 12

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