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

BAPSLC 357

Credit Based VI Semester B.A.S.L.P. Degree Examination,
April/May 2014
(New Syllabus) (2012-13 Batch Onwards)
NEUROGENIC LANGUAGE DISORDER IN ADULT

Time : 3 Hours Max. Marks : 100

Instructions : *1) Answer **all** questions.*
*2) **All** carry **equal** marks.*

Unit – 1

1. What are the common neural correlates of language functions ? Describe. 20

OR

2. What are the common issues discussed with reference to recovery in aphasia ? Briefly write on regression hypothesis. 20

Unit – 2

3. Explain the statement that aphasia can be caused by multiple etiologies. 20

OR

4. Briefly write Linguistic, Psychosocial and Neurobehavioral features of non fluent aphasias. 20

Unit – 3

5. Write briefly on the use of evoked potentials and fMRI in neurological investigations. 20

OR

6. Write briefly on Bilingual aphasia test. 20

P.T.O.

Unit – 4

7. Write about the Etiology, Clinical Profile, Assessment and Management of RHD. 2

OR

8. Write short notes on
   a) PPA
   b) Acquired Dyslexia
   c) BAT
   d) MIRBI

(4×5=20)

Unit – 5

9. What are the general principals of language therapy in Aphasics ? Briefly write about Visual Action Therapy. (10+10=20)

OR

10. Discuss the importance of team approach in aphasia management. Briefly write about application of AAC in Aphasia Therapy. (10+10=20)

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BAPSLC 360

redit Based VI Semester B.A.S.L.P. Degree Examination, April/May 2014
(New Syllabus) (2012-13 Batch Onwards)
SCIENTIFIC ENQUIRY IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

me : 3 Hours Max. Marks : 100

*Instructions : 1) Answer **all** questions.*
*2) **All** questions carry **equal** marks.*

UNIT – 1

a) Describe the status of research in speech and hearing field in India. 10
b) How to formulate a research question ? 10

OR

a) Explain different types of hypotheses with examples. 12
b) How to formulate a hypotheses ? Explain with a suitable example. 8

UNIT – 2

Discuss different types of data and their nature. 20

OR

Describe different measurement procedures used in audiology. 20

UNIT – 3

Discuss the different sampling methods of data collection with suitable examples from audiology. 20

OR

Explain and justify the procedure you would adopt to collect data on the epidemiology of autism in India. 20

P.T.O.

UNIT – 4

7. Write short notes : (5×4=20)

   a) Single subject design

   b) Ex post-facto research design

   c) Measuring progress in a treatment protocol

   d) Standard group comparison.

OR

8. Discuss briefly different types of group design. 20

UNIT – 5

9. Describe the qualities of a good research article. 20

OR

10. Among the different components of a research article, to which component you would give greater importance ? Explain with justifications. 20

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BAPSLC 359

Credit Based VI Semester B.A.S.L.P. Degree Examination, April/May 2014
(2012-13 Batch Onwards) (New Syllabus Scheme)
BASIC STATISTICS

Time : 3 Hours Max. Marks : 100

Instructions : *1) Answer **all** the questions.*
*2) **All** questions carry **equal** marks.*

UNIT – I

1. a) Define statistics. Discuss importance of statistics in behavioural sciences. **10**
   b) What do you mean by classification and tabulation ? Discuss characteristics of classification. **10**

OR

2. a) Discuss uses of statistics in various fields. **12**
   b) Explain different types of classification. **8**

UNIT – II

3. a) Discuss advantages and disadvantages of diagrams and graphs. **10**
   b) Define :
      i) Frequency distribution
      ii) Exclusive class interval
      iii) Inclusive class interval
      iv) Class width
      v) Mid value **10**

OR

4. a) Explain nominal and ratio level of measurements with example. **10**
   b) Explain construction of ogives. **10**

P.T.O.

UNIT – III

5. a) Define "Arithmetic Mean". Mention merits and demerits of arithmetic mean. 10

   b) Calculate standard deviation and coefficient of variation for the following data :

   BMI : 18.3, 19.4, 22.5, 23.4, 25.2, 20.4, 20.6 10

   OR

6. a) Define measures of dispersion. Mention properties of good measures of dispersion. 10

   b) Calculate mean, median and mode for the following data regarding age of 10 children.

   Age (Yrs.) : 6, 4, 6, 5, 3, 7, 6, 8, 9, 6. 10

UNIT – IV

7. a) Define normal distribution. Discuss characteristics of normal curve. 14

   b) Mention Karl Pearson's coefficient of skewness formula and discuss how to draw interpretation based on the above formula. 6

   OR

8. a) What do you mean by skewness and kurtosis ? Discuss different types of skewness and kurtosis. 14

   b) Given : $\bar{X} = 40$, $\sigma = 2$, $z = 42$. Calculate coefficient of skewness and draw interpretation. 6

UNIT – V

9. a) Explain scatter diagram method of ascertaining correlation between the variables. 15

   b) Define :

   i) Small sample
   ii) Large sample
   iii) Standard error. 5

   OR

10. Calculate Karl Pearson correlation coefficient between X and Y and draw inference. 20

X	25	43	27	35	54	61	37	45
Y	35	47	20	37	63	54	28	40

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BAPSLC 358

Credit Based VI Semester B.A.S.L.P. Degree Examination, April/May 2014
(New Syllabus) (2012-13 Batch Onwards)
NOISE MEASUREMENT AND HEARING CONSERVATION

Time : 3 Hours Max. Marks : 100

Instructions : *1) Answer **all** questions.*
*2) **All** question carry **equal** marks.*

UNIT – I

1. Write an essay on different sources and types of noise. 20

OR

2. Describe the non-auditory effects of noise in detail. 20

UNIT – II

3. Write your choice of tests to evaluate the effects of occupational noise exposure. Justify your choices. 20

OR

4. Write in detail about tests for susceptibility to noise induced hearing loss and also describe the ABR findings in individual with NIHL. 20

UNIT – III

5. Explain the components and working principle of SLM with neat diagram. 20

OR

6. Describe the procedures to measure aircraft and road traffic noise measurement. 20

P.T.O.

UNIT – IV

7. Elaborate on different types of hearing protection devices. Add a note on their attenuation, comfort and durability characteristics. 20

OR

8. Write an essay on procedures to measure attenuation characteristics of EPD's. 20

UNIT – V

9. Write an essay on acts and legislation related to noise control in India. 20

OR

10. Write short notes on following : (4×5=20)
    - DRC
    - Fletcher's eight point formula
    - OSHA act
    - CHABA.