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

BAPSLC 360

Credit Based VI Semester B.A.S.L.P. Examination, May/June 2016
SCIENTIFIC ENQUIRY IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

Time : 3 Hours Max. Marks : 100

Instruction : *Answer* ***all*** *questions.*

UNIT – I

1. a) Explain different types of hypothesis. **12**
   b) Explain the basis for formulating a research question. **8**

OR

2. Justify the need for scientific enquiry in audiology and speech language pathology. **20**

UNIT – II

3. Write short notes with suitable example : **(4×5=20)**
   a) Independent variable
   b) Dependent variable
   c) Assigned variable
   d) Active variable.

OR

4. Explain different types of data and their usefulness in research with merits and demerits. **20**

UNIT – III

5. Explain different types of probability sampling. **20**

OR

6. a) Differentiate between primary and secondary data. **10**
   b) Explain the relationship between sample size and margin of error. **4**
   c) Explain convenience sampling and quota sampling. **6**

P.T.O.

UNIT – IV

7. Define research design. Explain different types of research designs. 20

OR

8. Explain group comparison methods of speech and hearing. Explain with suitable examples. 20

UNIT – V

9. Explain the qualities of a good researcher clinician. 20

OR

10. Explain the process of documentation of research through organisation, presentation and analysis of data. 20