



J-M20181

Seat No. _____

B. A. S. L. P. (Sem. I) Examination

July - 2019

B.1.1 : Communication Sciences

Time : 3 Hours]

[Total Marks : 75

Long Answer Type Questions (Attempt any four : $4 \times 15 = 60$ Marks)

- 1 Define speech, language, communication. How are they different among one another ?
- 2 Write on the different sub-systems of speech production.
- 3 Write a note on simple harmonic motion and its relation with tuning fork in explaining physical parameters of sound (frequency, amplitude, wavelength, period and phase).
- 4 Write a note on dB and related values. (dBSPL, dBIL, dBSL, RETSPL, RETFL).
- 5 What are the different procedures in estimating minimum audible levels ?

Short Answer Type Questions (Attempt any three : $3 \times 5 = 15$ Marks)

- 1 Normal development of speech and language.
- 2 Factors affecting speech-language development.
- 3 Branches of audiology.
- 4 Hearing threshold, most comfortable level and threshold of pain.