

**SECOND YEAR M.A.S.L.P. : SUMMER - 2018**  
**SUBJECT: SPEECH PERCEPTION IN NORMAL HEARING AND THOSE WITH**  
**HEARING IMPAIRMENT**

Day : **Tuesday**  
Date : **19/06/2018**

Time: **10.00 AM TO 01.00 PM**  
Max. Marks: 80.

**S-2018-3553**

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.
- 4) Answers each section in the **RESPECTIVE** answer sheets only.
- 5) Answers written in the inappropriate answer sheet will not be assessed in any case.

**SECTION-A (LAQ)**

**Q.1** Attempt any **FOUR** out of **SIX**: **(4 x 15) (60)**

- a) Explain various models of speech perception in normal hearing individuals.
- b) Discuss the subjective and objective methods of speech intelligibility.
- c) Elaborate on universality of speech perception and discuss infant perception in detail.
- d) Explain the importance of technological advances in hearing aids with respect to speech perception.
- e) Discuss the effect of noise on speech perception in normal hearing individual and those with hearing impairment.
- f) Compare the speech perception using cochlear implant with that of hearing aids in persons with SNHL.

**SECTION-B (SAQ)**

**Q.2** Write short note on any **FOUR** out of **SIX** **(4 x 5) (20)**

- a) Process of dichotic listening and its effect on speech perception.
- b) Speech perception through tactile modality.
- c) Short term memory and its effect on speech perception.
- d) Speech perception in different degrees of hearing loss.
- e) Effect of frequency transposition on speech perception.
- f) speech perception through BAHA

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