

QP Code: 212377

Reg. No:.....

**Second Year MASLP Degree Supplementary Examinations
April 2019**

**Speech Perception and its Disorders
(2016 Scheme)**

Time: 3 hours

Max marks: 80

- **Answer all questions**
- **Draw diagrams whenever necessary**

Essays

(5x16=80)

1. "Type and degree of hearing loss affects the perception of consonants more than the perception of vowels". Critically evaluate the statement and justify your answers with literature evidence.
2. Describe in detail about the various articulation index procedures. Also add a note on the speech intelligibility index.
3. With adequate literature evidence, discuss the effects of sound coding strategies such as continuous interleaved sampling (CIS), spectral peak (SPEAK), advanced combination encoder (ACE), HiRES and fine structure processing (FSP) on speech recognition abilities of cochlear implantees.
4. Write an essay on the coding of speech in the auditory system.
5. Write short notes on the following
 - How do the spectral parameters of the speech affect the perception of non-native speech
 - Briefly explain the role of working memory in speech perception
 - Add a note on normalization of speech
 - How does the background noise affect the perception of speech by older adults.
