

**Pre. Ph.D. Course Work (2017 Course ) SUPPLEMENTARY :  
Audiology: JUNE- 2019**

**SUBJECT: PAPER-II RECENT ADVANCES IN AUDIOLOGY**

Day : Thursday  
Date : 27/06/2019

**S-2019-5404**

Time : 10.00 A.M. TO 01.00 P.M.  
Max. Marks : 100

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**N. B. :**

- 1) Attempt **Any FIVE** questions from Section-I and **Any FIVE** questions from Section-II.
  - 2) Both the sections should be written in **SEPARATE** answer books.
  - 3) Figures to the right indicate **FULL** marks.
  - 4) Draw neat and labeled diagrams **WHEREVER** necessary.
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**SECTION - I**

- Q.1** Write an essay on pathway and acquisition of cVEMP and oVEMP. (10)
- Q.2** Discuss the acquisition parameters affecting AEPs. (10)
- Q.3** Critically evaluate classical methods of threshold determination. Why were adaptive methods developed? (10)
- Q.4** What is missing fundamental? How do place principles and temporal principle attempt to explain this phenomenon? (10)
- Q.5** Describe various binaural hearing phenomena. (10)
- Q.6** Explain why conventional speech audiometry is not sensitive to diagnosis of CAPD? Describe how sensitized materials are used for it. (10)

**SECTION-II**

- Q.7** Discuss how speech perception is facilitated with advancement in hearing aids. (10)
- Q.8** Compare speech perception through bilateral hearing aids, bilateral cochlear implants in persons with bilateral severe hearing loss. (10)
- Q.9** Explain the effects of type and degree of hearing loss on consonant and vowel perception in individuals with hearing impairment. (10)
- Q.10** Discuss briefly the process of dichotic listening and its effect on speech perception. (10)
- Q.11** Discuss the various models explaining the mechanism of tinnitus and hyperacusis. (10)
- Q.12** Explain the technological advances in contralateral routing of signals to help persons with asymmetric hearing loss. (10)