

**SECOND YEAR M.A.S.L.P. : WINTER - 2018**

**SUBJECT: DIAGNOSTIC AUDIOLOGY**

Day : Friday  
Date : 19/10/2018

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

**W-2018-3714**

**N.B.:**

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

**SECTION-A  
(LAQ)**

**Q.1** Attempt any **FOUR** of the following: **(60)**

- a) Describe a protocol for universal newborn hearing screening and justify the choice of tests. Discuss the challenges in India for carrying out universal hearing screening.
- b) Describe the tests that can be used to assess functioning of horizontal semicircular canals. Enumerate their strengths and limitations.
- c) Discuss the pathophysiology and audiological correlates of auditory neuropathy spectrum disorder.
- d) Discuss the usefulness of high frequency tympanometry and wide band reflectance in identification of middle ear disorders.
- e) Discuss the administration, interpretation and usefulness of dichotic tests in assessing central auditory processing.
- f) Discuss the clinical and research applications of event related potentials.

**SECTION-B  
(SAQ)**

**Q.2** Write short notes on any **FOUR** of the following: **(20)**

- a) Electrocochleography
- b) Stimuli for ASSR
- c) Resonant frequency
- d) Temporal processing
- e) Teleaudiology
- f) Early speech perception test

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