

**B.A.S.L.P. SEM – II (2017 COURSE) ; SUMMER - 2018**  
**SUBJECT: AUDIOLOGY**

Day : **Saturday**  
Date : **05/05/2018**

**S-2018-3542**

Time : **10.00 AM TO 01.00 PM**  
Max. Marks: 75.

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**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.
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**SECTION-A**  
**(SAQ: 35 Marks)**

**Q.1** Attempt any **FIVE** of the following: **(15)**

- a) What is Weber's fraction?
- b) What is Pedigree charting?
- c) What is hearing screening?
- d) Mention the stimuli that can be used for various tests in speech audiometry.
- e) Explain interaural attenuation and cross hearing.
- f) Explain Steven's power law.

**Q.2** Attempt any **FOUR** of the following: **(20)**

- a) Describe the loudness and pitch scales.
- b) Explain audiometric Weber test.
- c) Write classification of audiometers.
- d) Write down procedure and applications of Word recognition score testing.
- e) Write down importance of adequate noise levels for masking in pure tone audiometry.

**SECTION-B (LAQ: 40 Marks)**

**Q.3** Attempt any **FOUR** of the following: **(40)**

- a) Explain Magnitude estimation and production.
- b) Write down principle, procedure, interpretation advantages and disadvantages of Rinne and Bing tuning fork tests.
- c) Write in detail Modified ASHA method for threshold estimation.
- d) Explain factors affecting speech audiometry.
- e) Write in detail how objective calibration is carried out for bone conduction transducers.
- f) Explain plateau method of masking for pure tone audiometry.

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