

**B.A.S.L.P. Sem – I (2017 Course) : WINTER - 2018**  
**SUBJECT: ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING**

Day : Tuesday  
Date : 04/12/2018

**W-2018-3680**

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 indicates full **MARKS**.
  - 3) Draw diagrams **WHEREVER** necessary.
  - 4) Answer to both the sections should be written in **SEPARATE** answer books.
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**Section-A**

- Q. 1** Attempt **ANY THREE** out of four of the following. **(15)**
- a) Define vital capacity, residual volume and tidal volume.
  - b) Describe external nose.
  - c) Explain aerodynamic theory of phonation.
  - d) Enlist intrinsic and extrinsic muscles of larynx.
- Q. 2** Attempt **ANY ONE** out of two of the following. **(10)**
- a) Describe mechanism of swallowing.
  - b) Describe parts of pharynx with labelled diagram.
- Q. 3** Attempt **ANY ONE** out of two of the following. **(15)**
- a) Describe muscles of tongue.
  - b) Describe cartilaginous laryngeal framework in detail with labelled diagram.

**Section-B**

- Q. 4** Attempt **ANY TWO** out of three of the following. **(10)**
- a) Role of Pinna in hearing.
  - b) Draw a neat labelled diagram of the left tympanic membrane.
  - c) Write a note on temporal bone.
- Q. 5** Attempt **ANY ONE** out of two of the following. **(10)**
- a) Explain the place theory of hearing.
  - b) Explain the function of middle ear.
- Q. 6** Attempt **ANY ONE** out of two of the following. **(15)**
- a) Draw a neat labelled diagram of outer ear and explain its anatomy.
  - b) Draw and explain anatomy of the inner ear.

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