

B.A.S.L.P. SEM – I (2017 COURSE) : WINTER - 2017
SUBJECT: ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING

Day : **Wednesday**
Date : **29/11/2017**

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

W-2017-3448

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Draw diagrams **WHEREVER** necessary.
- 4) Both the sections should be written in **SEPARATE** answer books.

SECTION-A

- Q.1** Attempt any **THREE** out of **FOUR** (3 x 5) = (15)
- a) Define any 5 volumes or capacities of respiration.
 - b) Enlist intrinsic and extrinsic muscles of the tongue.
 - c) Describe the membranes of larynx.
 - d) Describe muscles of palate.
- Q.2** Attempt any **ONE** out of **TWO** (1 x 10)= (10)
- a) Describe the muscles of mastication.
 - b) Describe the laryngeal framework with diagrams.
- Q.3** Attempt any **ONE** out of **TWO** (1 x 15)= (15)
- a) Describe the anatomy of swallowing mechanism. Which stages are involved in normal swallowing physiology?
 - b) Describe in detail the structure of pharynx. Which muscles constitute the pharynx?

SECTION-B

- Q.4** Attempt any **TWO** out of **THREE** (2 x 5) = (10)
- a) Write a note on middle ear transformer function.
 - b) Write a note on bony labyrinth.
 - c) Write a note on semicircular canals.
- Q.5** Attempt any **ONE** out of **TWO** (1 x 10)= (10)
- a) Describe the anatomy of organ of corti with a neat labeled diagram.
 - b) Describe the embryological development of human ear.
- Q.6** Attempt any **ONE** out of **TWO** (1 x 15)= (15)
- a) i) With a neat labeled diagram, describe the anatomy of middle ear.
ii) Explain the theories of hearing.
 - b) i) Draw a neat labeled diagram of outer ear and explain its functions.
ii) With a neat labeled diagram, describe the ascending and descending auditory pathways.

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