

B.A.S.L.P. Sem-I (2017 Course): SUMMER-2018

SUBJECT: ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING

Day : Saturday
Date : 21-04-2018

Time : 10:00 AM TO 1:00 PM.
Max. Marks: 75

S-2018-3534

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) Describe difference between respiration for life versus respiration for speech.
 - b) Describe internal structure of nose.
 - c) Describe dentition and malocclusions.
 - d) Give 2 examples of embryonic anomalies affecting speech and language.
- Q.2** Attempt any **ONE** out of **TWO** (1 x 10) = (10)
- a) Describe the mechanism of swallowing.
 - b) Muscles of palate.
- Q.3** Attempt any **ONE** out of **TWO** (1 x 15) = (15)
- a) Describe anatomy of laryngeal framework. How does pitch and loudness change?
 - b) Describe development of facial structure and palate with diagrams.

SECTION-B

- Q.4** Attempt any **TWO** out of **THREE** (2 x 5) = (10)
- a) Write a note on temporal bone.
 - b) Explain development of middle ear.
 - c) Explain the function of external auditory canal.
- Q.5** Attempt any **ONE** out of **TWO** (1 x 10) = (10)
- a) With a neat labeled diagram, explain the anatomy of organ of corti.
 - b) Explain the various air conduction theories.
- Q.6** Attempt any **ONE** out of **TWO** (1 x 15) = (15)
- a) i) Explain the function of Pinna.
ii) With a neat labeled diagram, describe the ascending and descending auditory pathways.
 - b) Draw a neat labeled diagram of middle ear and explain its functions.

* * *