



J-M20182

Seat No. _____

B. A. S. L. P. (Sem. I) Examination

July - 2019

Anatomy & Physiology of Speech & Hearing

(Anatomy & Human Physiology)

Time : 3 Hours]

[Total Marks : 75

- Instructions :** (1) Use separate answer sheet for Section - I and Section - II.
(2) Figures on right indicate full marks.
(3) Illegible answers will not fetch marks.

Section - I (Anatomy)

- 1 Elaborate on : (any 2) **2×10=20**
(1) Anatomy of Larynx with neatly labeled diagram.
(2) Describe the anatomy of the external ear.
(3) Discuss the development of Tongue and Teeth.
- 2 Write notes on : (any 6) **6×3=18**
(1) Examples of any three embryonic anomalies affecting speech mechanism.
(2) Anatomical planes.
(3) Parts of Temporal bone.
(4) Innervations of cochlea.
(5) Ventricles of the brain.
(6) Well-Labeled diagram of Circle of Willis.
(7) Broca's area.

SECTION - II (Human Physiology)

- 3** Write notes on any five : **25**
- (i) Overview of central auditory mechanism.
 - (ii) Electrical potential of the cochlea.
 - (iii) Middle ear transformer action.
 - (iv) Physiology of middle ear muscles.
 - (v) Overview about theories of learning.
 - (vi) Write in detail about the contribution of articulatory structures to speech production.
- 4** Write notes on any **two** : **12**
- (i) Mechanism of breathing.
 - (ii) Difference between respiration for life and respiration for speech.
 - (iii) Doppler effect.
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