

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 0423]**

**APRIL 2023**

**Sub. Code: 2332**

**BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY  
SEMESTER - I (Regulation 2017-2018 onwards)  
PAPER II – ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING  
*Q.P Code: 802332***

**Time: Three Hours**

**Answer All questions**

**Maximum: 75 Marks**

**I. Elaborate on :** **(2X10=20)**

1. Anatomy of Larynx.
2. Theories of Hearing.

**II. Write Notes on :** **(8X5=40)**

1. Embryonic development of Middle ear.
2. Breathing mechanisms for Respiration and Speech.
3. Mechanisms of Phonation.
4. Vestibular physiology.
5. Brief anatomy of Temporal bone.
6. Physiology of External Ear.
7. Nerve supply to Cochlea.
8. Contribution of articulatory structures to Speech production.

**III. Short Answers on :** **(5X3=15)**

1. Vital Capacity.
2. Rostral and Caudal positions.
3. Recurrent laryngeal nerve.
4. Vocal fold.
5. Helicotrema.

\*\*\*\*\*