

B.Sc. AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

FIRST YEAR

PAPER V – BASIC MEDICAL SCIENCES RELATED TO SPEECH AND HEARING

Q.P. Code: 802305

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on: **(3 x 10 = 30)**

1. Explain the detailed anatomy of inner ear.
2. Explain the anatomy and physiology of pharynx.
3. Laryngeal Muscles and Physiology of Phonation.

II. Write Notes on: **(8 x 5 = 40)**

1. Structure of organ of corti (neat labeled diagram).
2. Generation of action potential.
3. Explain various anatomical planes, sections, positions and orientations.
4. Causes of infantile stridor.
5. Brief notes on
 - a) Tonsils.
 - b) Adenoids.
6. Artificial larynx.
7. Inner ear pathologies.
8. Structure of DNA with diagram.

III. Short Answers on: **(10 x 3 = 30)**

1. Structure of vocal fold – Diagram.
2. Define morphology.
3. What is benign tumor?
4. Residual air.
5. Karyotyping.
6. Semicircular canals.
7. Define passive articulation, what are the passive articulators?
8. Naso-pharynx with its functions.
9. Lobes of the brain.
10. Laryngo pharyngeal reflux.