

**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. Draw the structure of middle ear and describe the mechanism of hearing.
2. Pharyngeal Muscles and Physiology of Deglutition.
3. Causes of sensorineural hearing loss.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. Functions of growth hormone.
2. Explain the mechanism of phonation.
3. Anatomy of auditory tube and muscle attached to it.
4. Trachea – oesophageal pucture.
5. Sex – chromosomal disorders.
6. Causes of neural hearing loss.
7. Formation and circulation of C.S.F.
8. Mechanics of ventilation.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Facial paralysis.
2. Name the 3 types of muscle.
3. Vital capacity.
4. Laryngeal web.
5. Acoustic neuroma.
6. Wernicke's area.
7. Basilar Membrane.
8. Golgi apparatus.
9. Sagittal Plane.
10. Define synapse.

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