B.Sc. AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
FIRST YEAR
PAPER III – INTRODUCTION TO HEARING AND HEARING SCIENCES
Q.P. Code: 802303

Time : Three Hours   **Maximum : 100 Marks**

Answer All questions

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

1. Explain the blood supply to cochlea with a neat diagram.
2. Elaborate on methods of testing AC procedures.
3. What are tuning fork tests? Explain any two in detail.

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

1. Explain the factors to consider while constructing an audiometric room.
2. Explain the importance of casehistory in identifying the type and degree of hearing loss.
3. With a neat block diagram explain the parts of an audiometer.
4. Elaborate on the minimum effective masking level for BC masking.
5. Explain the differences between screening and diagnostic pure tone testing.
6. What is linearity check? Explain the objective calibration of bone vibrator.
7. Explain the factors affecting Interaural Attenuation.
8. Explain the non genetic causes of hearing loss.

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

1. What is zero dB?
2. What is occlusion effect?
3. Name the transducers used in puretone testing.
4. When do we get a corner audiogram?
5. What is the rationale behind using pure tones in testing hearing sensitivity?
6. What is head shadow effect?
7. What is the importance of using insert earphones during masking?
8. Which organs in the ear help maintain balance and equilibrium?
9. What is biological calibration?
10. What are the materials used for testing speech recognition threshold?

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