

**B.Sc. AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
THIRD YEAR
PAPER V – NOISE MEASUREMENTS AND HEARING CONSERVATION**

Q.P. Code: 802325

Time: Three Hours

Maximum : 100 Marks

Answer All Questions

I. Elaborate on:

(3 x 10 = 30)

1. Audiological findings in noise induced hearing loss.
2. Calibration of transducers used in audiometric evaluation.
3. Significance of hearing conservation program and steps involved in the same.

II. Write notes on:

(8 x 5 = 40)

1. Properties of Ear protective devices that determine their efficacy.
2. Attenuation characteristics of Ear protective devices.
3. Damage Risk Criteria.
4. Indian noise standards.
5. High frequency audiometry.
6. Types of noise.
7. Tests for susceptibility.
8. Articulation Index.

III. Short answers on:

(10 x 3 = 30)

1. Toughening.
2. Special hearing protectors.
3. Perceived Noise Level.
4. Occupational Safety and Health Act.
5. Noise Reduction Rating (NRR).
6. Fletcher point eight formula.
7. Sound level meter.
8. Noise Dosimeter.
9. Environmental Protection Agency.
10. Walsh Healey Act.
