

**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. How do you plan Hearing Conservation program for Industries?
2. Methods to evaluate for claims in NIHL.
3. Non auditory effects of noise.

**II. Write notes on:**

**(8 x 5 = 40)**

1. How does noise affect the performance and work efficiency?
2. Different types of noises with examples.
3. Importance of OAE and Impedance in NIHL.
4. Measurement of Aircraft noise.
5. Compare and Contrast ear muffs and ear plugs.
6. Importance of periodical hearing assessment in NIHL.
7. Noise criteria curves.
8. What is Presbycusis? How do you apply correction in NIHL?

**III. Short answers on:**

**(10 x 3 = 30)**

1. Name three sources of noises.
2. Steady Vs non-steady noise.
3. TTS.
4. PNdB.
5. SNR.
6. Baseline audiometry.
7. Sound level meter.
8. AAOO.
9. Importance of Speech audiometry.
10. Walsh – Healey Act.

\*\*\*\*\*