

[LH 0815]

AUGUST 2015

Sub.Code :2325

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 NIHL.
2. Types of EPD's with its merits and demerits.
3. Biological and Instrumental Calibration of AC transducers.

II. Write notes on:

(8 x 5 = 40)

1. Differentiate TTS and PTS.Mention the recovery patterns in TTS.
2. Compare and contrast PNL, EPNL .
3. Assessment of susceptibility.
4. Measurement of traffic noise.
5. Instrumentation for measurement of NIHL.
6. Air force regulation.
7. Types of weighting networks in SLM and its rules.
8. Procedure for Indoor measurement of noise.

III. Short answers on:

(10 x 3 = 30)

1. Define Noise.
2. Impulsive Vs Impact Noise.
3. Speech Interference Level.
4. Noise reduction rating.
5. Baseline Audiogram.
6. CHABA.
7. Noise isolating headphones.
8. Fluctuating noise.
9. Importance of noise free hours.
10. Vascular changes due to noise.
