

[LF 0212]

AUGUST 2014

Sub.Code :2325

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

Q.P. Code: 802325

Time: Three hours

Maximum : 100 Marks

Answer All Questions

I. Elaborate on:

(3x10=30)

1. Explain the calibration of headphones, bone vibrator and speech
2. What are the auditory effects of noise?
3. Explain about the Hearing Conservation Program

II. Write notes on:

(8x5=40)

1. Temporary Threshold Shift and the recovery patterns
2. Damage Risk Criteria
3. Tests for assessing susceptibility
4. Findings of VEMP in NIHL
5. Sound Level Meter
6. Noise Reduction Ratio
7. Sources and types of noise
8. High Frequency Audiometry and its advantages

III. Short answers on:

(10x3=30)

1. Impact and impulse noise
2. Frequency analyzer
3. Harmonic distortion
4. Exchange rate
5. Weighting networks
6. Temporal summation
7. Recruitment
8. Importance of speech audiometry
9. EPA act related to compensation of hearing loss
10. Noise Induced Permanent Threshold Shift
