[LQ 0220]   FEBRUARY 2020   **Sub. Code: 2325**

BACHELOR IN 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. Need for hearing conservation program.
  2. Evaluation of attenuation characteristics of various ear protective devices.
  3. Instrumentation for indoor noise measurements.

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

  1. Different types of noise.
  2. Damage risk criteria.
  3. Indian noise standards.
  4. Calibration of head phones.
  5. Factors in claim evaluation.
  6. Environmental protection agency.
  7. Effects of noise on work efficiency and performance.
  8. Tests of susceptibility

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

  1. Temporary threshold shift.
  2. Dosimeter.
  3. Ear muffs.
  4. AMA method.
  5. Mechanical changes occurring due to noise exposure.
  6. Weighting networks.
  7. Manual audiometer.
  8. Effective perceived noise level.
  9. Intermittent noise.
  10. Audioanalgesia.

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