

**Q.P.Code: 306015**

**Reg. No.:.....**

**Third Year BASLP Degree Supplementary Examinations June 2024  
Environmental Audiology**

**(Common for 2010 and 2012 Scheme)**

**Time : 3 hrs**

**Max marks : 80**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays:**

**(4x10=40)**

1. Write a short note on histopathological changes in the cochlea due to noise exposure.
2. Explain the probable findings of audiology test battery administered in individuals with noise induced hearing loss
3. Justify 'ear protective device prevents hearing loss in those individuals exposed to noise in industry'
4. Describe the Indian Acts/ Regulations related to noise

**Short notes:**

**(5x5=25)**

5. How to measure tests for susceptibility to noise
6. Write the steps to measure the community noise
7. What is the need for high frequency audiometry in assessing noise induced hearing loss
8. How to evaluate the attenuation characteristics of EPDs
9. Explain Indian noise standards in different category of noise and limits in dB (A) in day time and night time

**Answer briefly:**

**(5x3=15)**

10. Difference between TTS and PTS
11. NC curves
12. Damage risk criteria
13. Fletcher point formula
14. Special hearing protectors

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