

Q.P.Code: 306015

Reg. No.:.....

**Third Year BASLP Degree Supplementary Examinations May 2023
Environmental Audiology**

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. Explain the non-auditory effects of loud noise exposure.
2. What is the effect of noise-induced hearing loss on speech perception.
3. How will you measure the level of noise in the environment. Explain the functioning of SLM's A, B, C, and D weighting networks.
4. What is an ear protection device. How will you calculate the effectiveness of an ear protection device in noise attenuation.

Short notes:

(5x5=25)

5. What is PNL and EPNL. Explain.
6. Explain the clinical utility of high-frequency audiometry in identifying NIHL.
7. Write a short note on the procedure for measuring outdoor ambient noise.
8. How will you evaluate the attenuation characteristics of ear protection devices.
9. Write a short note on the noise standards in India.

Answer briefly:

(5x3=15)

10. Recovery pattern
11. Effect of noise on work efficiency
12. Speech audiometry in NIHL
13. Properties of ear protection devices
14. Walsh-Healey Act.
