

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
(Deemed to be University)**

BASLP DEGREE EXAMINATION - April 2019

First Semester

INTRODUCTION TO AUDIOLOGY

Three Hours

Maximum: 100 marks

SECTION - A

I. Fill in the blanks :

(6x1=6)

1. The number of complete oscillations of a vibrating body per unit of time is_____.
2. A pressure equal to one-millionth of standard atmospheric pressure is _____.
3. The period of a 100Hz tone is _____.
4. Expand SPL:_____.
5. Periodic variations in the amplitude of two tones that are close in frequency_____.
6. Unit of pitch measurement is _____.

II. Answer briefly :

(8x2=16)

7. Define Bel.
8. Define MCL.
9. Define Db.
10. Describe Pitch.
11. Define Threshold
12. Describe Timbre.
13. Describe Attenuator.
14. Define UCL.

III. Answer briefly :

(6x3=18)

15. Describe Direct sound
16. Define Clinical Audiology.
17. Define Inverse square law.
18. Describe Sound Pressure Level.
19. Describe Map.
20. Describe Head shadow

SECTION – B

IV. Write short notes on any SIX:

(6x5=30)

21. History of Audiology.
22. Development of Audiology.
23. Decibel.
24. Missing 6dB.

(p.t.o)

25. RETSPL.
26. Components of Audiometer.
27. Staircase procedure.
28. Impedance Audiometer – Instrumentation.

SECTION – C

V. Answer any TWO of the following :

(2x15=30)

29. Air conduction theories of hearing.
30. Travelling wave theory.
31. In detail explain the need and concept of decibel.
32. Describe in detail parts and functions of an Audiometer.

(S.No. M21402)

(S.No.M19523)

