

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM**  
**(Deemed to be University)**  
**BASLP DEGREE EXAMINATION - December 2019**  
**First Semester**  
**INTRODUCTION TO AUDIOLOGY**

Three Hours

Maximum: 100 marks

**SECTION - A**

**I. Fill in the blanks :****(6x1=6)**

1. The difference between tones separated by frequency ratio of 2:1 is \_\_\_\_\_
2. A pure tone constituent of a complex wave is \_\_\_\_\_
3. Write the units of Acceleration \_\_\_\_\_
4. Expand dBSL: \_\_\_\_\_
5. Expand MAF: \_\_\_\_\_
6. Distance between identical points on 2 successive waves is \_\_\_\_\_

**II. Answer briefly :****(8x2=16)**

7. Define Transducer.
8. Define Hearing range.
9. Define Inverse Square law.
10. Describe Pitch.
11. Describe Binaural hearing.
12. Describe Intensity.
13. Describe Head shadow.
14. Describe Pinna shadow.

**III. Answer briefly :****(6x3=18)**

15. SPL Vs HL.
16. Define Sound power.
17. Describe Frequency.
18. Describe Loudness Level.
19. Describe Simple harmonic motion.
20. Describe Microphone.

**SECTION - B**

**IV. Write short notes on any SIX:****(6x5=30)**

21. Branches of Audiology.
22. Equal Loudness Contours.
23. RETSPL.
24. Phone and Sone.
25. Rinne test.
26. Audiometric Weber Test.
27. Boneconduction theories of hearing.
28. Application of Decibel.

(p.t.o)

**SECTION – C**

**V. Answer any TWO of the following :**

**(2x15=30)**

29. dB concept.
30. Modes of bone conduction.
31. Explain the generation and propagation of sound.
32. Instrumentation for recording Auditory evoked potentials.

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(S.No. M22131)

