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VI Semester B.Sc. (IDD) Degree Examination, August/September - 2023

**INTERIOR DESIGN AND DECORATION**

**Interior Services - III Acoustics  
(CBCS Scheme 2019-20 Onwards)**

**Paper : ID 602 A**

**Time : 3 Hours**

**Maximum Marks : 70**

**Instructions to Candidates:**

**ALL sections are compulsory.**

**SECTION - A**

Answer any **TEN** of the following.

**(10×2=20)**

1. What is sound?
2. Define Decibel.
3. What is frequency?
4. Define impact Noise.
5. What is Dead Spots?
6. Define loudness.
7. What is Ultrasonic Sound?
8. Define foci.
9. What are absorbents?
10. What are resonant panels?
11. What is Reverberation time?
12. Mention any four Acoustic Materials used in interiors.



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**SECTION - B**

Answer any **FIVE** of the following.

(5×4=20)

13. Mention any four factors involved in sounds.
14. List any four application of space (or) function absorbers.
15. Mention any four factors which effects the nature of sound waves.
16. What are the factors to be considered for design of room based on end use?
17. Classify the outputs in watts based on usage at Home.
18. Mention any four benefits of Environment Acoustics.

**SECTION - C**

Answer any **FIVE** of the following.

(5×6=30)

19. List and explain the types of sound.
  20. Explain.
    - a) Porous absorbents
    - b) Resonant absorbents
  21. Briefly explain the timber floor floating construction. Mention any three advantages.
  22. Mention any six ways to control sound transmission.
  23. List and explain the types of sound engineering.
  24. List any six advantages of Advanced Acoustics.
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