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(July)

MUSIC

(Elective)

(**Sound of Music**)

[MUS (E)-403]

Marks : 38

Time : 2 hours

*The figures in the margin indicate full marks
for the questions*

Answer **four** questions, selecting **one** from each Unit

UNIT—I

1. How is sound produced? Explain the physical characteristics of a sound wave. State the difference between volume and timbre. 2+4+3½=9½

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(Turn Over)

2. What is the difference between noise and distortion? Mention the different kinds of noise that you are familiar with. How can you tackle them? State the difference between pink sound and white sound.

3+4+2½=9½

UNIT—II

3. How do humans hear? Explain the mechanism of hearing with a neat diagram. Define ultrasound and infra sound with examples.

2+5+2½=9½

4. What is a microphone? Classify a microphone according to its built and structure. Mention the different kinds of microphone accessories that are available.

2+5+2½=9½

UNIT—III

5. What is a cable? Describe balanced and unbalanced cable. Explain the different audio connectors that are available with a neat sketch.

1+3½+5=9½

6. Highlight the role of narration, music and sound effects in audio production.

9½

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(Continued)

(3)

UNIT—IV

7. State the importance of equalizer in audio recording. Explain in detail the various functions of an audio mixer with a neat sketch. $3+6\frac{1}{2}=9\frac{1}{2}$
8. Explain in detail the various components that make up a sound recording chain. What is multi track recording? What is sound editing? $5+3+1\frac{1}{2}=9\frac{1}{2}$

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