

No. of Printed Pages : 03

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 00139

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B. Arch. Examination 2021-22

(Even Semester)

ACOUSTICS*Time : Three Hours]**[Maximum Marks : 50*

- Note :-**
- (i) Attempt any five questions.
 - (ii) Question No. 1 is compulsory.
 - (iii) All questions carry equal marks.
 - (iv) Assume any missing data.

1. An auditorium, have rectangular shape, has its dimensions at 40 m \times 20 m \times 15 m (ht). The interior surfaces of the auditorium are covered by the following materials :

Cement plaster walls = 1000 sqm, $\alpha = 0.02$

Concrete floor = 800 sqm, $\alpha = 0.03$

Celotex ceiling = 800 sqm, $\alpha = 0.50$

[P. T. O.