

No. of Printed Pages : 03

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

PAPER ID : 10138

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B. Arch. Examination 2021-22

(Even Semester)

BUILDING SERVICES - IV

(Acoustics)

*Time : Three Hours]**[Maximum Marks : 60*

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

1. (a) A classroom $20 \text{ m} \times 15 \text{ m} \times 5 \text{ m}$ has sound absorption coefficient of 0.3 for walls, 0.08 for ceiling and 0.06 for floor. Find the reverberation time of the class room with no occupants and no sound absorption treatment.

[P. T. O.