

No. of Printed Pages : 03

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

PAPER ID : 00137

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B. Arch. Examination 2021-22

(Even Semester)

ARCHITECTURAL STRUCTURES - VIII*Time : Three Hours]**[Maximum Marks : 50*

- Note :-**
- (i) Attempt any five questions.
 - (ii) Be precise in your answers. Assume the missing data.
 - (iii) Allow IS : 800 (2007).
 - (iv) All questions carry equal marks.

1. What are the basic characteristics of the failure mechanism in general shear failure, local shear failure and punching shear failure.
2. Explain Rankine's theory for active and passive earth pressure on rigid wall cohesive soil. Consider both presence and absence of tension crack for active case.

[P. T. O.]