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Roll No.

H-4005

B. Arch. EXAMINATION, May 2018

(Ninth Semester)

(Re-appear Only)

(Arch.)

AR513B

TALL BUILDING DESIGN-IX

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

(3-52/13)M-H-4005

P.T.O.

Unit I

1. Write short notes on the following factors affecting development of tall buildings :
 - (a) Socio-psychological factors
 - (b) Geographical factors
 - (c) Political and other forces.
2. Write short note on the current issues related to development of tall buildings in India.

Unit II

3. Write short notes on any *three* of the following :
 - (a) Shear walls
 - (b) Coupled shear walls
 - (c) Wall frames
 - (d) Tubular Structure.
4. Write short note on the operation and maintenance aspect of tall buildings in India. Give examples.

Unit III

5. Write short note on various materials that may be used in the construction of tall buildings in India.
6. Write short note on general requirement, principles and measures for fire safety in the case of tall buildings.

Unit IV

7. How economy in design of building services can deliver more value in tall buildings ?
8. Write short note on any *seven* green building design principles with examples.