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Roll No. ....

**H-4006**

**B. Arch. EXAMINATION, May 2018**

(Ninth Semester)

(Re-appear Only)

(ARCH)

AR515B

**COST EFFECTIVE ARCHITECTURE-IX**

*Time : 3 Hours]*

*[Maximum Marks : 75*

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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.

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

(2-49/19) M-H-4006

**P.T.O.**

### Unit I

1. Compare cost effective building techniques as applicable to rural and urban settings. **15**
2. Establish cost effective building techniques in relevance to Indian context. **15**

### Unit II

3. Justify the spatial norms and usage pattern affecting cost of a housing project. Quote examples. **5+5+5=15**
4. Explain Cost Analysis. Mention its application in a building project w.r.t. various building components. **5+10=15**

### Unit III

5. Illustrate the role of Pre-fabrication in building industry. Give an example of a Pre-fabricated project in India. **10+5=15**
6. Outline the important alternative building materials developed from industrial and agricultural wastes as applicable to building industry. **15**

### Unit IV

7. Illustrate the role of *Laurie Baker* in solving the problems of housing shortage in India. **15**
8. Explain role and philosophy of the following :
  - (i) CBRI
  - (ii) SERC. **7.5+7.5=15**