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Total No. of Printed Pages: 1

Total No. of Questions: 7

B. Architecture (Semester – 10th)
BUILDING ECONOMICS
Subject Code: BARC1 – X70
Paper ID: 120159A

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Question no. 1 is compulsory.
2. Attempt any four questions from Unit I, II & III, selecting at least one question from each unit.

Q1. Attempt the following questions: **2X6=12**

- a) What is the importance of Building Economics?
- b) Explain the principles of cost management on brief.
- c) Explain the role of National Building Code in Building industry.
- d) Enlist various cost reduction techniques using structural innovations.
- e) Explain the concept of modular construction in brief.
- f) Explain the advantages of Pre-Fabrication in Building Construction.

Unit -I

Q2. Enlist various components of buildings and their impact on cost. **(12)**

Q3. Explain the Life Cycle cost of a commercial building by taking suitable example. **(12)**

Unit -II

Q4. Explain various techniques that can be used for cost reduction using specifications. **(12)**

Q5. Among Low rise and High-rise buildings, which type will be more appropriate for affordable housing and why? **(12)**

Unit -III

Q6. How mass production and standardization help in promoting cost effectiveness? Explain. **(12)**

Q7. Explain the role of Technology in making the buildings cost effective. **(12)**