Roll No……..….. **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)**