

No. of Printed Pages : 03

Roll No.

AA-261

**Master of Architecture
EXAMINATION, May 2017**

(First Semester)

(Re-appear Only)

SUSTAINABLE ARCHITECTURE

MARC-603

Fundamentals of Sustainable Architecture

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.

(2-03) M-AA-261

P.T.O.

Unit I

1. “India, an emerging economy facing enormous growth and social development challenges may lead in shaping the global sustainability agenda.” Comment the strategies to be worked upon.
2. Write short notes on the following :
 - (a) Earth Summit
 - (b) C2C approach
 - (c) Regenerative approach.

Unit II

3. Discuss in detail the role of “Culture in Sustainable Development” based on Multi-disciplinary principles and approaches.
4. Explain in detail the challenges for the following :
 - (a) Economic Sustainability
 - (b) Ecological Literacy.

M-AA-261

2

Unit III

5. What is the need and importance of Arup's SPeAR and explain its relevance in today's context.
6. Discuss briefly the “Good practices” for “Building Envelope and Lighting” as suggested by any *one* of the following :
 - (a) GRIHA
 - (b) NBC.

Unit IV

7. Are fully glazed aesthetically pleasing Corporate/Commercial buildings a logical answer to Sustainable Built form ? Comment with examples showcasing appropriate solutions.
8. Explain in detail the salient features of Historic precincts which are excellent examples of Cultural, Social and Environmental Sustainability.

(2-03) M-AA-261

3

30