

B.Arch. Eighth Semester (Architecture Engineering) (CGS)
10068 : Sustainable Architecture : 08 AR 04

P. Pages : 1

Time : Three Hours



AV - 3202

Max. Marks : 80

- Notes :
1. All question carry marks as indicated.
 2. Question No. **three** is compulsory.
 3. Due credit will be given to neatness and adequate dimensions.
 4. Illustrate your answer necessary with the help of neat sketches.
 5. Use of pen Blue/Black ink/refill only for writing the answer book.

1. What is the need & importance of sustainable planning? Explain its concept. **20**

OR

2. a) What are the essential ingredients of sustainable developments. **20**

b) What do you mean by Ecological Foot Prints.

3. What do you mean by climate Responsive Planned layouts? Explain various climatic factors and it's impact. **20**

4. Explain various appropriate materials used for construction with their properties & workability. **20**

OR

5. a) What do you mean by biodiversity and carbon foot prints. **10**

b) Explain different Ecofriendly Construction Practices. **10**

6. What are the Resources available to maintain Biodiversity on Earth. Explain the case study of any sustainable concept. **20**

OR

7. a) What do you mean by Ecological Foot-Prints. **10**

b) Explain the sustainable planning policies. **10**
