

MANIPAL ACADEMY OF HIGHER EDUCATION**FIRST/SECOND SEMESTER B. ARCH. DEGREE EXAMINATION – JAN/FEB 2018****SUBJECT: ARC-14-111/ARC 116 – PRINCIPLES OF ENVIRONMENTAL DESIGN/
ENVIRONMENTAL STUDIES
(2014/2010 SCHEME)**

Saturday, January 27, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 50

- ✍ Answer any FIVE questions from the following.
- ✍ Answer all parts of a question.
- ✍ Give sketches wherever necessary.

1. Define the term “Eco-friendly Design”. Elaborate on the key considerations taken into account while designing with eco-friendly concept.
(4+6 = 10 marks)
2. Explain the cause, impacts and mitigation factors of anyone natural disaster in detail.
(10 marks)
3. Define “Urbanisation”. What are the causes and impact of urbanisation?
(4+6 = 10 marks)
4. Explain in detail about Nari Gandhi’s philosophies on eco-sensitive designs with the help of anyone case study.
(10 marks)
5. Explain in detail the salient features, construction methods, advantages and limitations of Bamboo buildings.
(10 marks)
- 6A. Define the terms –“Ecology” and “Ecological foot print”.
- 6B. Explain about Ecology and its relationship with built environment.
(4+6 = 10 marks)

