

MANIPAL UNIVERSITY**SECOND SEMESTER B. ARCH. DEGREE EXAMINATION – MAY 2016****SUBJECT: ENVIRONMENTAL STUDIES (ARC-116)
(2010 SCHEME)**

Tuesday, May 31, 2016

Time: 10:00 – 13:00 Hrs.

Max. Marks: 50

- ✍ Answer ANY FIVE full questions.
- ✍ The answers should be supported by sketches wherever necessary.
- ✍ Assume suitable data wherever necessary.

1A. Construction is one of the most resources driven activity. Discuss.

1B. How does urbanization have a negative impact on the environment?

(5+5 = 10 marks)

2. How did the local environment influence the architecture of Nariman Gandhi? Discuss the same through examples from his designs. Give sketches to explain the answer

(10 marks)

3. Discuss the concepts, design, functioning and advantages of vertical Urban Farms. Give sketches to explain the answer.

(10 marks)

4A. Discuss the major negative effects of modern agriculture and its effect on food security.

4B. Enumerate the various reasons for air pollution and methods to mitigate it.

(5+5 = 10 marks)

5A. What are the various types of garbage? Discuss the disposal method of composting.

5B. Discuss the impact of land resource on the environment.

(5+5 = 10 marks)

6A. What is 'greenhouse effect' and what are its adverse effects?

6B. Discuss ecological footprint and its importance in understanding the effects on environment.

(5+5 = 10 marks)

