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TEST – 1, FEBRUARY 2019

M.tech 2nd Semester Construction Management

Course Code: 10M11CE215

Max. Marks: 15

Course Name: Sustainable Design and Construction

Max. Time: 1hr.

Course Credits: 03

Note: All questions are compulsory. Marks are indicated against the questions. Carrying of mobile phone is strictly prohibited and will be treated as case of unfair means.

Q.1 What do you understand by sustainable development? In your opinion discuss the importance of global goals set by United Nations (both new and old) towards achieving sustainability. [5]

Q.2 Explain in detail any one of the case study highlighting Indian initiative for achieving sustainability. [5]

Q.3 Write a short note on Smart Green buildings. With the help of a neat pi-chart show break up of energy consumption in a green building. What are some typical approaches to save energy in such buildings constructed in India? [5]