

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST-1 EXAMINATION- FEBRUARY -2018

M.Tech II Semester

COURSE CODE: 10M11CE215

MAX. MARKS: 15

COURSE NAME: SUSTAINABLE DESIGN AND CONSTRUCTION

COURSE CREDITS: 03

MAX. TIME: 1 HR

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means. Assume suitable data if required. All questions carry equal marks.

1. Explain the term "Sustainable development". Describe the basic elements of sustainable design.
2. Discuss the role of rising population in creation of an imbalance in sustainability giving suitable examples. How will you measure the impact of population on the available resources. Recommend the social changes need to be adopted by the human society in order to emerge self-sustainable.
3. Briefly discuss the salient features of the sustainable design and construction adopted in Cambridge city.