

**B.Tech. SEM -VI (Civil ) 2014 Course (CBCS) : WINTER - 2018**

**SUBJECT: ELECTIVE-I: GREEN CONSTRUCTION PRACTICES**

Day : Saturday  
Date : 17/11/2018

**W-2018-2458**

Time : 10.00 AM TO 01.00 PM  
Max. Marks: 60

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**N. B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Assume suitable data if necessary.
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Q.1 What are the basic concepts of Sustainable Development? Explain. (10)

**OR**

Q.1 What are the goals of Sustainable Development? Explain. (10)

Q.2 What are the reasons and impacts of climate change on environment? Explain. (10)

**OR**

Q.2 What is the necessity of environment impact assessment? Explain process of EIA. (10)

Q.3 What is green rating system? Explain its role in Sustainable Development. (10)

**OR**

Q.3 What is BEE rating? Explain codes and standards for green building. (10)

Q.4 What are green building materials? Explain selection criteria for green building materials. (10)

**OR**

Q.4 What are construction techniques for green buildings? Explain. (10)

Q.5 What are different alternate construction materials and construction techniques? (10)

**OR**

Q.5 Explain –cob-adobe. (10)

Q.6 Explain use of recycled glass and plastics as construction materials. (10)

**OR**

Q.6 Explain use of recycled debris block in construction of building. (10)

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