

Summer - 2018

B.Tech. Sem-VI Civil 2014 Course  
SUBJECT: ELECTIVE-I: GREEN CONSTRUCTION PRACTICES

Day : Monday  
Date : 11.06.18

Time : 2.30 PM. To 5.30 PM.  
Max. Marks: 60

N. B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Assume suitable data if necessary.

Q.1 Explain energy and environment with reference to Sustainable Development in India. (10)

OR

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

Q.2 Explain importance of Biodiversity and Ecosystem with reference to impact on climate change. (10)

OR

Q.2 Write a note on-Environment protection act in relation to Sustainable Development. (10)

Q.3 Write a note on: GRIHA- Ecohousing. (10)

OR

Q.3 Explain the importance of green rating systems in Sustainable Development. (10)

Q.4 Explain life cycle cost analysis for green materials. (10)

OR

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

Q.5 What are alternative green materials? Explain ferrocete as green materials. (10)

OR

Q.5 Explain -cob-adobe. (10)

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

OR

Q.6 What is the importance of recycle and reuse of construction materials? Explain plastic as recycled material. (10)

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