

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/  
MANAGEMENT/COMMERCIAL PRACTICE — OCTOBER, 2018

**COST EFFECTIVE CONSTRUCTION & GREEN BUILDINGS**

[Time : 3 hours

(Maximum marks : 100)

PART — A

(Maximum marks : 10)

Marks

I Answer *all* questions in one or two sentences. Each question carries 2 marks.

1. Define the concept of cost effective Architecture.
2. Write any two uses of Ferro cement.
3. Give definition for Global warming.
4. Define Green Materials.
5. Define BREEM.

(5×2 = 10)

PART — B

(Maximum marks : 30)

II Answer any *five* of the following questions. Each question carries 6 marks.

1. Explain Rat trap bond.
2. Write the features of Gypsum board.
3. Write short note on any one substitute used for wall construction.
4. Write the reusing and recycling potential of different building materials.
5. State the environmental issues related to quarrying of materials.
6. Write different ways to conserve water.
7. Explain GRIHA Rating.

(5×6 = 30)