

- Q.20 Describe any two Indoor Environment Quality Parameters?
- Q.21 What are the features of green Building rating and certification?
- Q.22 Write a short note on BEE?

**SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Write a brief note on Green Building Design concepts?
- Q.24 Write short note on any two
- a) Plastic Bricks
  - b) Bagasse Particle Board
  - c) Fly ash Bricks
- Q.25 Write a brief note on Waste water management system?

(100)

(4)

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**6th Sem / Civil**

**Subject : Green Buildings**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Sustainable Building means that.
- a) Green Building
  - b) Environmental building
  - c) Both A and B
  - d) None of above
- Q.2 Which of the following green rating system are currently working in India?
- a) LEED
  - b) GRIHA
  - c) Both A & B
  - d) None of above
- Q.3 Full form of ECBC
- a) Energy convert Building code
  - b) Efficiently conservation Building code

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- c) Energy conservation Building code
  - d) None of above
- Q.4 Which of following is renewable Energy system.
- a) Solar water heating system
  - b) Wind mills
  - c) A & B Both
  - d) None of above
- Q.5 What are the objective of green Building.
- a) Waste reduction
  - b) Energy Efficiency
  - c) Improving Air Quality
  - d) All the above
- Q.6 Minimum Area for new construction Project required for eligibility certification of GRIHA?
- a) 2500 m<sup>2</sup>                      b) 3000 m<sup>2</sup>
  - c) 3500 m<sup>2</sup>                      d) 4000 m<sup>2</sup>

**SECTION-B**

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 What are the objectives of Green Buildings?

- Q.8 Full form of LEED?
- Q.9 Write down any three Green Building materials Which are Eco-Friendly?
- Q.10 Full form of BEE?
- Q.11 Write down any two Indoor Environment Quality parameter?
- Q.12 What is the main objective of rain water harvesting?

**SECTION-C**

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Write a short note on Benefits, principles and Features of green buildings?
- Q.14 What are the steps involved in site selection and planning of green Buildings?
- Q.15 Write short note on Autoclave Aerated Blocks?
- Q.16 How Reuse of waste material done?
- Q.17 What is Net-metering system?
- Q.18 What are the uses of ECBC code in Energy efficiency?
- Q.19 What are the uses of water efficient Fixtures for Kitchen in water efficiency?