

Total No. of Question : [4]

Registration No. :

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Programme Name : Bachelor of Architecture
Regular T.Y.B.Arch.Sem.VI ESE May / June 2023
VI SEMESTER (2020 BATCH)
201CEL331-Green Building(TH)

Duration :

Marks : 50

Instructions :

(Q1) All questions are compulsory [20.0]

(1.1) Explain any four renewable energy resources with their advantages and disadvantages. [8.0]

CO :- C331.3

Blooms Taxonomy :- Understand

(1.2) Explain Green Building concept and benefits. [6.0]

CO :- C331.1

Blooms Taxonomy :- Understand

(1.3) Describe any six Green Building materials with their applications in Commercial sector. [6.0]

CO :- C331.2

Blooms Taxonomy :- Understand

(Q2) All questions are compulsory [10.0]

(2.1) Explain the LEED certification with the minimum requirements and criteria to be fulfilled. [5.0]

CO :- C331.3

Blooms Taxonomy :- Understand

(2.2) Explain the criterias of GRIHA rating system. [5.0]

CO :- C331.3

Blooms Taxonomy :- Understand

(Q3) All questions are compulsory [10.0]

(3.1) Draw and explain with a neat sketch Rainwater Harvesting system in a residential building. [7.0]

CO :- C331.1

Blooms Taxonomy :- Understand

(3.2) Explain the methods to control echo in green building. [3.0]

CO :- C331.1

Blooms Taxonomy :- Understand

(Q4) Attempt any two out of three questions

[10.0]

(4.1) Write a note on Water Efficient Fixtures.

[5.0]

CO :- C331.2

Blooms Taxonomy :- Understand

(4.2) Write a note on Energy Efficient Fixtures.

[5.0]

CO :- C331.2

Blooms Taxonomy :- Understand

(4.3) Write a note on Cost Efficiency for green building.

[5.0]

CO :- C331.2

Blooms Taxonomy :- Understand
