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B.E. / B.TECH. DEGREE EXAMINATIONS, DEC 2019

Sixth Semester

CE16002 – ARCHITECTURE*(Civil Engineering)***(Regulation 2016)****Time: Three Hours****Maximum : 100 Marks**

Answer ALL questions

PART A - (10 X 2 = 20 Marks)

	CO	RBT
1. Define aesthetics in architecture.	1	R
2. State the basic elements in architectural design.	1	R
3. State the difficulties involved in implementing development control rules.	2	U
4. Mention the importance of layout regulations.	2	U
5. Provide the dimension of a single parking car space in a residential building.	3	R
6. Define anthropometry.	3	R
7. State the impact of wind with respect to direction affecting the orientation of building.	4	U
8. State the factors which determine climate.	4	R
9. Write short notes on urban renewal.	5	R
10. Mention the principles of landscape design.	5	R

PART B - (5 X16 = 80 Marks)

11. (a) Describe about the integration of functions and aesthetics in architecture.	(16)	1	U
(OR)			
(b) Explain the various principles of design in architecture.	(16)	1	U
12. (a) What are the surveys to be carried out onsite planning? Explain in detail with neat sketch.	(16)	2	U
(OR)			
(b) Describe about the various layout regulations.	(16)	2	U

13. (a) Enumerate the various safety standards to be followed in a residential and commercial building. (16) 3 U

(OR)

(b) How integration of building services can be carried out? Explain with various factors to be considered. (16) 3 U

14. (a) State and explain the characteristics of various types of climate. (16) 4 U

(OR)

(b) Explain about the green building concept. Also add a note on active energy and passive energy control. (16) 4 U

15. (a) Explain in detail about various zoning regulation. (16) 5 U

(OR)

(b) What do you meant by conservation? Explain about urban planning standards. (16) 5 U