

Reg No.: \_\_\_\_\_

Name: \_\_\_\_\_

**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**

Fourth Semester B.Tech (Minor) Degree Examination July 2021 (2019 admission)

**Course Code: CET282****Course Name: BUILDING DRAWING**

Max. Marks: 100

Duration: 3 Hours

**(Any missing data can be suitably assumed)****PART A***(Answer all questions; each question carries 2 marks)*

		Marks
1	What is the importance of selecting scale in building drawing?	2
2	Define purlin and principal rafter of a truss.	2
3	Define plan, section and elevation of a building.	2
4	What is site plan?	2
5	What is the purpose of soak pit?	2

**PART B***(Answer any Two full questions, each question carries 45 marks. Draw to scale in A4 sheets)*

6	Draw the elevation and sectional details of panelled door of dimension 1000 mm × 2000 mm.	45
7	Plan a RCC staircase for a room dimension 500 cm × 350 cm having a room height of 3 m. Draw the plan and section.	45
8	Draw plan, section and elevation of a residential building with following data:	45
	a) Verandah	
	b) Bed rooms – 2 Nos. (one bed room should have attached bath room)	
	c) Common toilet	
	d) Living hall	
	e) Kitchen	
	f) Work area (Exit from the residence should be through work area)	
9	Draw the plan and elevation of a bank with following requirements:	45
	a) Banking hall (includes counters, tellers for cash, waiting space for public)	
	b) Records room	
	c) Strong room	
	d) Manager's cabin	
	e) ATM counter (accessible to public also)	
	f) Toilets (provide separate toilets for customers and also for bank employees)	

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