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Total No. of Pages : 01

Total No. of Questions : 08

PHD (CIVIL) COMPUTER AIDED DESIGN METHOD

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTIONS TO CANDIDATES :

- 1. Attempt any FIVE questions out of EIGHT questions.
- 2. Each question carry TWENTY marks.

1.	Describe three basic hardware components of a general purpose digital computer. a)	(20)
2.	Discuss various peripheral devices commonly used for computer input/output. b)	(12)
	What do you understand by interactive acceleration analysis? Explain in brief.	(8)
	3. Write a general algorithm and program to construct global stiffness matrix fro stiffness matrices of members for a typical plane frame.	m local (20)
4.	through first and last point of control polygon and is tangent to first and last segr Beizer polygon.	nent of (20)
5.	List any four ground rules you will take into account for designing graphics so Discuss function of a graphics package.	ftware. (20)
6.	a) Explain briefly, the different categories of data models?	(10)
0.	b) Discuss about normalization in context with the database management.	(10)
7. a	.) What do you mean by Database design? Explain in brief.	(15)
	b) Write a note on Database Administrator.	(5)
8.	Discuss in brief, the sequence of commands to be used for pre-processing a	nd post
	processing of any structure using ANSYS.	(20)