

DDD-13073 Seat No. _____

B. Arch. (Sem. VI) Examination May / June - 2015 Building Construction - VI

Tim	e : 2	Hours] [Total Marks :	80
1	Discuss in detail : (any one)		20
	(1)	Role of topography and climate to formulate a particular structural and constructional system of a building.	
	(2)	Role of building material and construction system to evolve specific architectural vocabulary.	
2	A s	lain the design issues in the given condition. small ground storey structure using load bearing struction technique having in earthquake prone zone 4. ign should incorporate following: Design concepts Choice of structural system, Material and its rational Overall design scheme of substructure and superstructure Details of all the junction with material specification	30
3	Exp. (1)	lain with neat sketches : (any three) The role of symmetry in building during earthquake forces.	30
	(2)	Earthquake resistant details in frame structure.	
	(3)	Effect of cyclone on building. Role of building configuration in its performance	
	(4)	Details of flat roof / floor in Indian desert architecture.	

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