Name:	ent No:	S		
Enrolm				
	UNIVERSITY OF PETROLEUM AND ENERGY STUDIES	5		
Ducana	End Semester Examination, May 2019		AVIII	
Programme Name: B. Tech, Civil EnggSemesterCourse Name: Building Bylaws & Professional EthicsTime			:VIII : 03 hrs	
Course Name: Building Bylaws & Professional EthicsTimeCourse Code: CEEG 481Max. Mark				
	page(s) :02	A. IVIAI N		
Instructi		ection-B	& C	
	SECTION A			
S. No.			Marks	CO
Q 1	Define the following terms in tender process			
×	A) Offer B) Counter Offer		4	CO4
Q 2	What are the essential of a 'valid Contract'?		4	CO4
Q 3	Elaborate how the building bylaws applicable for controlling / promoting development?	g the	4	C01
Q 4	Write short note on a) ground coverageb) Total Covered area		4	CO3
Q 5	List the land use classification as per Master Plan.		4	CO1
	SECTION B			
Q 6	Highlight the main features of department of building as per National Building of	code		
×۰	Discuss the procedure of application for building permit.		10	CO2
Q 7	What Should an engineer advertise for tenders on a public construction project?		10	CO4
Q 8	 Discuss the general building requirements as mentioned in the NBC -2016 regar Means of access Open spaces within plot Requirement of Plots Classification of Buildings 	ding	10	CO3
Q 9	What are main features of Lump Sum contract? Define advantage and drawback this contract. OR	as of		
	Define different Alternate dispute resolution (ADR) Methods. What is process f dispute resolution through arbitration.	òr	10	CO4

	SECTION-C		
Q 10	There is an essential requirement for every building/development project work for which permission is sought under the Code shall be planned, designed and supervised by registered professionals. Discuss the requirements for registration and competence of professionals. OR Discuss the role of development authority for Design, Construction Management for permit process for various development project.	20	CO2
Q 11	Discuss the proper procedure for submission and opening of tenders for construction contracts.	20	CO4

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Course			Max. Mar	ks : 100		
Nos. of] Instruction		compulsory. There is intern	al choice in Section-I	3 & C		
		SECTION A				
S. No.				Marks	CO	
Q 1	Write short note on			4	CO3	
	a) FAR b) Height restriction	on		4	COS	
Q 2	Define the following terms			4	CO4	
	A) Tender B) Contract			4	004	
Q 3	Distinguish between percentage rate contract & the cost plus percentage contract.			4	CO4	
Q 4	How many parties are required to form a contract?	a contract? Who are incor	npetent to form a	4	CO4	
Q 5	What is general building requirements as Open spaces within plot.	mentioned in the NBC -20)16 regarding	4	CO2	
	S	SECTION B				
Q 6	Discuss the land use classification in an u	rban area and highlight the	e uses permitted.	10	CO3	
Q 7	Briefly outline the procedure to be follo submitted in three envelope covers.	wed while opening tende	rs that have been	10	CO4	
Q 8	What are main features of item rate contra this contract.	act? Define advantage and	drawbacks of	10	CO4	
Q 9	What is Schedule A in engineering contra contain?	ct documents? What infor	mation does it			
	Discuss various method of Alternate Disp mediation & Arbitration.		guish between	10	CO4	

	SECTION C		
Q 10	Discuss the role of various professional involved as consultants, as per the scale & nature of the project.	20	CO2
Q 11	As a participating firm for a construction tender, what procedure will you follow in the preparation of this. Explain in detail all steps. OR		CO4
	As an construction firm, you are applying for tender in three-cover system. Explain the steps & process you will follow for submission. Give your suggestion in case the two cover system is to be adopted.	20	