


Name: Enrolment No:	 UPES UNIVERSITY WITH A PURPOSE
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES END SEMESTER EXAMINATION, JUNE_JULY 2020	
Course: Design of Formwork Program: B. Tech. Civil Engineering Course Code: CIVL 3011/CEEG 318	Semester: VI Time 3 hrs. Max. Marks: 100 (20 x 5) CO1, CO2,CO3, CO4 & CO5

Q.1 Design a formwork for any one of concrete slab, column, beam & concrete wall for the building plan shown in figure below. The size of columns can be taken as 275 X 275mm with a height of 3m. Thickness of concrete wall can be taken as 20mm. The height of concrete pore is 2.5mm & concrete pressure as 40kN/m². Take D.L acting on roof as 1.5kN/m². Also mention the safety requirements during constructions. Take allowable permissible stress as per IS 883.

