	CBCS SCHEME	
USN	Bangalore *	15ARC6.3
Sixth Semester B.Arch. Degree Examination, Dec.2018/Jan.2019		
Building Services – III		
-	Max	Marks: 100
Tin	ne: 3 hrs.	
Note: 1. Answer any FIVE full questions, choosing one full question from each module.		
2. Explain with neat sketches. 1 Explain the different mechanical ventilation systems for buildings. (20 Marks) 2 Explain "heat pump" using example of window A.C. (20 Marks) 3 With neat sketches, explain the working and parts of a centralized AC (chilled water) plant. (20 Marks) 4 What is a clean room? (20 Marks) 5 With the help of neat sketches explain the parts of a typical traction lift. (20 Marks)		
diam	Module-1	(20 Marks)
	Explain the different mechanical ventilation systems for buildings.	(201121111)
11 Cal	OR	(20 Marks)
2	Explain "heat pump" using example of window A.C.	(20 1011110)
\$ 	Module-2	water) nlant.
3	With neat sketches, explain the working and parts of a centralized AC (chilled	(20 Marks)
80 1 1	OR	
4	What is a clean room?	(20 Marks)
international states of the second states of the se	With the help of neat sketches explain the parts of a typical traction lift.	(20 Marks)
6	OR What are the factors influencing choice of elevator in a multi storied building?	(20 Marks)
	Module-4	
7	What is fire proof construction?	(20 Marks)
	OR S	
8	Write short notes on:	,
Ū	(i) Area of Refuge.	(10 Marks) (10 Marks)
	(ii) Compartmentation.	(10 1/141 K3)
)	Module-5	(20 Mortes)
9	Explain wet Riser system.	(20 Marks)
	OR OR	(20 Marta)
10	Briefly explain 'Fire protection' guidelines for multi storied buildings.	(20 Marks)

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