		School of Arcin		
		CBCS SCHEME	Anra	
	USN	LIBRAL + Bangoine	18ARC63	
	Sixth Semester B. Arch. Degree Examination, Jan./Feb. 2023			
	Building Services - III			
	Time: 3 hrs. Max. Ma			
	Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.			
ai.		2. Draw neat sketches to explain when necessary.		
actice		<u>Module-1</u>	(20 Marks)	
alpra	1	What are the mechanical methods used to ventilate spaces?	(20 11111113)	
k pages. will be treated as r		OR		
	2	Explain cooling cycle with the example of window A.C unit.	(20 Marks)	
50,		Module-2	(20 Marks)	
Important Note : 1. On completing your answers, compusority draw diagonal cross lines on the remaining plank pages. 2. Any revealing of identification, appeal to evaluator and /or equations written eg, $42+8 = 50$ , will be treated as malpractice.	3	With a neat diagram, explain working of centralized chilled water AC system.	(20 Marks)	
		OR	(20 Marks)	
	4	Explain Air Conditioning for operation theatre (Clean Room).	(20 1121113)	
ss iin latior	2			
al cro		Module-3	(20 Marks)	
agona and /(	5	Differentiate between Traction and Hydraulic Lifts.		
aw di				
iy ara evalu	(	OR What are the placement arrangements for escalators?	(20 Marks)	
al to	6	what are the placement artungent and for communication		
appe		Module-4		
ers, c	7	Explain classification of buildings based on fire hazard.	(20 Marks)	
answe	'			
ung your a ing of iden		OR		
	8	What is Compartmentation? Explain with sketches.	(20 Marks)	
eveal				
un co		Module-5		
2. A	9	Explain the working of automatic sprinkler system.	(20 Marks)	
Note				
tant		OR		
Iodu	10	What are the provisions for fire fighting for high rise buildings based on NBC?	(20 Marks)	
1				
		****		

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.