

YBC-15297

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(Contd.)

B.Sc. (Part—II) Semester—IV Examination 4S: ELECTRONICS

(Communication Electronics and 8085 Microprocessor)

Time: Three Hours]					[Maximum Marks: 80		
Note:—(1) All questions are compulsory.							
	(2) Draw neat diagrams wherever necessary.						
1.	(A)	Fill	in the	e blanks :—		2	
	(i) ROM stands for						
		(ii) The width of address bus in 8085 is					
		(iii) FM stands for					
		(iv) PPM stands for					
	(B)	Choose correct alternative for the following:					2
		(i) AM is					
			(a)	Frequency modulus	(b)	Frequency Modulation	
			(c)	Amplitude modulation	(d)	None	
	(ii) The width of data bus of 8085 is						
			(a)	2 bits	(b)	4 bits	
			(c)	8 bits	(d)	None	
	(iii) PWM stands for						
			(a)	Pulse width modulation	(b)	Pulse code modulation	
			(c)	Pulse correct code	(d)	None	
		(iv) There are Flags of 8085.					
			(a)	3	(b)	8	
			(c)	5	(d)	9	
	(C)) Write answer in one sentence :					4
		(i) What is the function of SP (Stack Pointer)?					
		(ii) What is OP-code?					
		(iii) What is Modulation index ?					
		(iv)	Wha	at is the function of address bus?			
EITHER							
2.	(A)	Draw the block diagram of AM transmitter and explain the function of each block				explain the function of each block.	6
	(B) Explain the FM theory and frequency spectrum of FM wave.						6

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