SUBJECT CODE NO: - Y-2081

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (PATTERN-2013) (T.Y SEM V)

Examination April / May - 2024

Electronics Paper- XVI Micro Controller - I

[Time: 1:30	Hours]	[Max. Marks:50
	Please check whether you have got the rig	
N. B	1) Attempt all questions.	WAHAVA
	2) All questions carry equal marks.	0:4
	3) Use only blue or black pen.	LIBRARY)
	4) Draw flow chart/ Diagram whenever necessary	essary.
	entrones	TAI LAMA 135
Q.1 Attemp	经分类的 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	
(a) Exp	lain general functional block diagram of MCS51	microcontroller 10
(b) Exp	lain CISC and RISC processor.	10
Q.2 Attemp	ot any one.	1902
(a) Writ	te 8051 addressing modes.	10
(b) Writ	te arithmetic instructions.	10
Acceptage		
Q.3 Attemp	ot any one.	
(a) Expl	lain with neat diagram timers and counters.	10
	te application of MCS51 as pulse generation.	10
Q.4 Write s	hort notes on any two.	
(a) Imm	ediate addressing	5
(b) Logi	ical instruction	5
(c) ALP	to generate square wave	5
(d) Inter	rupts in MCS51	5
	Son Control of the Co	
Q.5 Attempt	t the following 10 multiple choice questions.	10
	3051 series has 16 bit resistors.	
	a. 2 b. 3 c. 1	d. 0
2. N	MCS-51 microcontroller is pin IC.	
45 Y	a. 4 b. 12 c. 20	d. 40
3. P	PSEN full form ?	
	a. Program storage enable b. Point st	torage enable
	c. Plaint storage enable d. None of	[18] [18] [18] [18] [18] [18] [18] [18]

	A. 对下的合作是现在设计器的设计。	
a. B register	b. Accumulator or A-register	
c. R0-register	d. R1-register	
The addressing mode which makes	use of indirection pointers is	
a. Indirect addressing mode	b. Direct addressing mode	
c. Index addressing mode	d. Relative addressing mode	
The default value of register SP is_	A MUNICIPAL TOTAL AND ACTUAL SERVICES	
a 37 H	b. 27 H	
c. 17 H	d.07H	
Timer modes are set using	register.	
a. TCON	b. TMOB	
c. THO	d. TL1	
	0051 4 9 0051	
그런데 그 가는 이 집 집 사람들은 그리고 있다면 하는데 그리고 있다면 하는데 하는데 되었다. 그는데	by 8051, the lowest priority is given	
interrupt.	1. 151	
a. IEO	b. IF1	
c. TFO	d. RI	
The number of bites stored on the st	tack during one operation of PUSH o	
is?		
a. 1	b. 2	
c. 3	d. 4	
Width of data pointer register of 80	51 microcontroller is	
a. 8 bit	b. 16 bit	
a. 6 bit c. 20 bit	d. 13 bit	
	u. i.) Dit	