

MARWADI EDUCATION FOUNDATION

Faculty of Engineering/PG Studies

(Computer Engineering /Information Technology Engineering) B.E. SEM: IV MID-SEM. EXAM: II June-2022

 Subject: - COA (3140707)
 Date:- 08/06/2022

 Total Marks:-30
 Time: - 75 Minutes

Instructions:

- 1. Attempt all questions.
- 2. Make suitable assumptions wherever necessary.
- 3. Figures to the right indicate full marks.

Que	Question: 1.		
1	Defined CAR		
2	Define Sequencer.		
3	What is register stack?		
4	What is synchronous mode of transmission?		
5	What do you mean by interrupt?		
6	What is the meaning of handshaking in data transfer?		
Que	Question: 2.		
(a)	How hardwired control and micro programmed control architecture differentiate?	[6]	
(b)	How microprogram sequencer works? Draw necessary diagram and explain in detail.	[6]	
	OR		
(b)	Draw and explain in details about the microprogram control organization.	[6]	
Que	Question: 3.		
(a)	How addressing mode is significant for referring memory? List and explain types of addressing modes	[8]	
(b)	What is parallel processing?	[4]	
	OR		
(a)	How push and pop micro-operations works? Explain in details about stack register.	[8]	
(b)	Briefly explain source initiated transfer using handshaking.	[4]	

---Best of Luck---

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- Bloom'S Taxonomy Report -

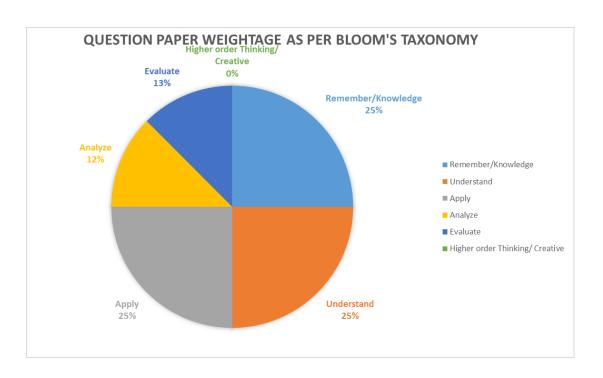
Sub: COA Sem. 4

Branch: CE/IT

Que. Paper weightage as per Bloom's Taxonomy

LEVEL	% of weightage	Question No.	Marks of Que.
Remember/Knowledge	25	Q1(A),Q2(B) OR	12
Understand	25	Q2(A),Q3(B) OR	10
Apply	25	Q3(A), Q3 (B) OR	12
Analyze	12.5	Q3(B)	8
Evaluate	12.5	Q2(B)	6
Higher order Thinking/ Creative	0	-	0

Chart/Graph of Bloom's Taxonomy



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