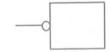


DIGITAL LOGIC QUIZ 1 SET 2

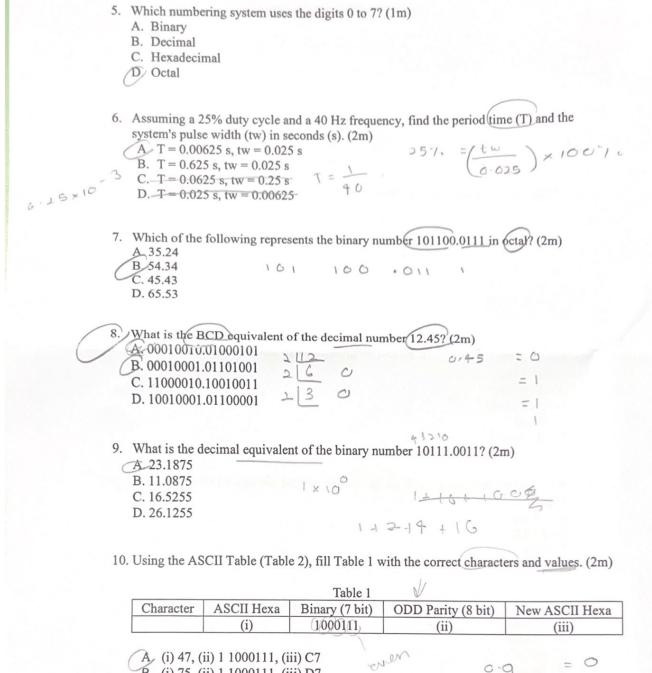
Name:	safra Nursi	jahadah b	mti	masnoor
Metric Number:	A23CSO176	·		
Section:	01			

. 0	/	28	X	3.C 0	4. 0	- X	5. D
5. A	K	7. B	/	8. 13	9. /	+ /	10. A

1. What is the meaning of the symbol? (1m)



- A. on-state
- B. pulse state
- C. active high
- D. active low
- 2. Which of the following is used to measure the rate of information transmitted in a digital signal? (1m)
 - A. Amplitude
 - B. Duty Cycle
 - C. Phase
 - D. Bandwidth
- 3. Which of the following is a fixed-function integrated circuit used in digital electronics? (1m)
 - A. FPGA
 - B. CPLD
 - C. PLD
 - D. AND gate
- is used to route data from one source to multiple destinations? (1m)
 - A. Encoder
 - B. Decoder
 - C. MUX
 - D. DEMUX



1.1000

B. (i) 75, (ii) 1 1000111, (iii) D7 C. (i) 46, (ii) 1 1001011, (iii) C5 D. (i) 64, (ii) 1 1100111, (iii) A4