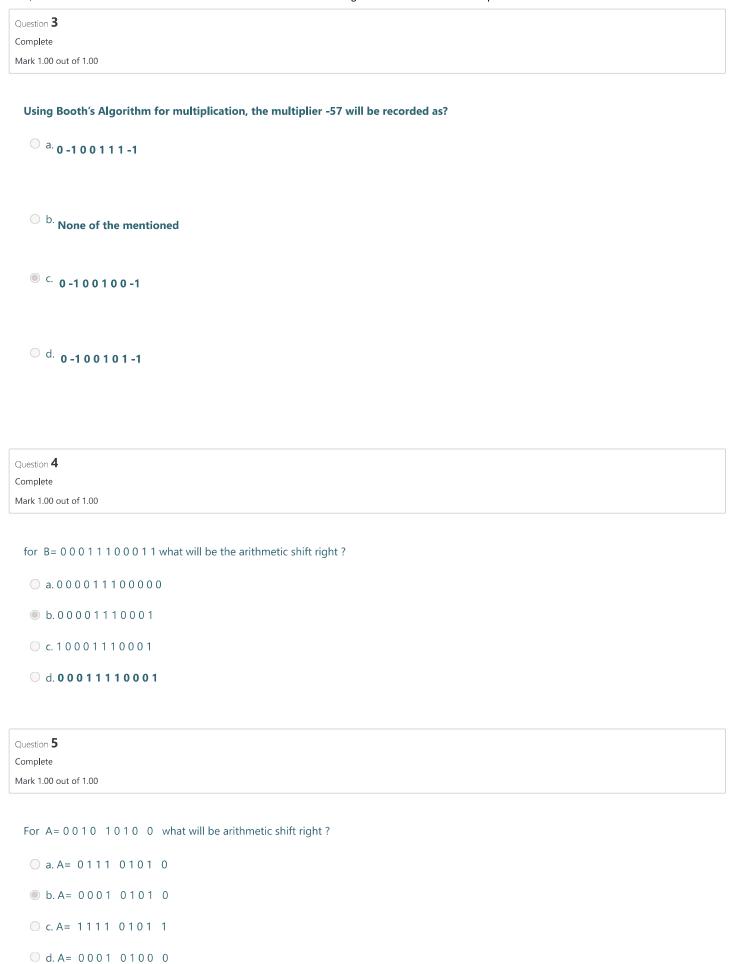
Dashboard / Course	es / Winter 2021-22 / BTech Semester 4 / CS268 / Assignment 2-18-02-2022 / Assignment 2-18-02-2022
Started on	Friday, 18 February 2022, 1:55 PM
State	Finished
-	Friday, 18 February 2022, 2:02 PM
	7 mins 9 secs
	5.00/5.00
Grade	10.00 out of 10.00 (100 %)
Question 1	
Complete	
Mark 1.00 out of 1.00	
The two num	bers given below are multiplied using Booth's algorithm.
Multiplicand : 0101	1010 1110 1110
Multiplier: 0111 01	11 1011 1101
How many additions/Subtractions are required for ?	
,	
a. 3 subtractions and 4 additions	
b. 4 subtractions and 4 additions	
C. 4 subtraction	ons and 3 additions
O d 3 subtraction	ons and 3 additions
G. 2 3434444	
Question 2	
Complete	
Mark 1.00 out of 1.00	
When both integer	are +ve i.e. $(+ve) \times (+ve) = (+ve)$ and Multiply 7 with 3 and register size is 4 bit. Choose the correct option?
a. 4 Cycles are	required to complete the multiplication
○ b. 3 Cycles are	required to complete the multiplication
oc. 5 Cycles are	required to complete the multiplication
0.172.1	
d. / Cycles are	required to complete the multiplication



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