Quiz (Chapter 7)
20 Marks
(June 28, 2020)

Name :
Matric No. :

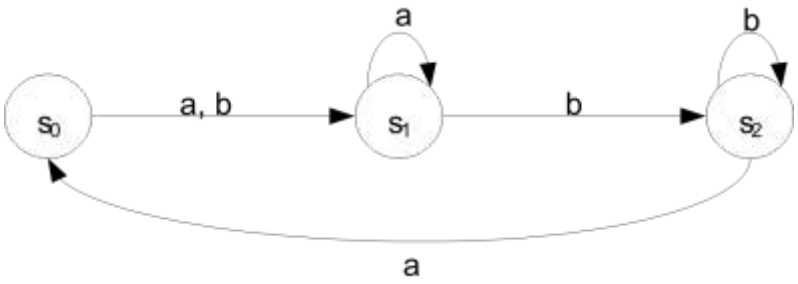
1. Draw the diagraph of the corresponding finite state machine according to the given **TWO** tables.

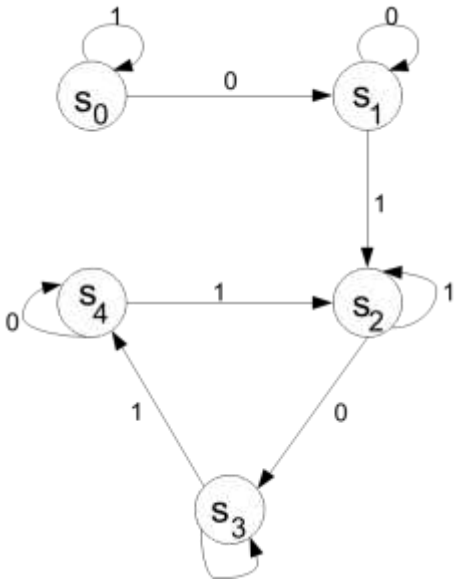
	0	1
S_0	S_0	S_1
S_1	S_1	S_2
S_2	S_2	S_0

	a	b	c
S_0	S_0	S_1	S_2
S_1	S_2	S_1	S_1
S_2	S_1	S_1	S_2
S_3	S_2	S_0	S_1

(10 marks)

2. Construct these **TWO** state transition tables of the finite state machine whose diagraph is shown below.





(10 marks)