

BAHRIA UNIVERSIT (Lahore Campus) Department of Computer Severe QUIZ# 02- Spring 2924

COURSE TITLE: Compiler Construction

COURSE CODE: CSC-32

Reg No:

Class BSCS-5A

Shift: Morning

CLO#: 2

Course Instructor: Dr. Hajra Masood

Time Allowed: 30 minutes

Date: 29th May 2024 Max. Marks: 2.5 Points

Marks Obtained

Name: Muhammad Hammad 03-134221-024

Question 1:

Design a deterministic finite automaton (DFA) for the language described by the regular expressions. Provide the state diagram and the transition table for the DFA.

- i. (a|b) *abb
- 2. (alb)c
- 3. ((a|b)*ab)*
- 4. (a|b)*aba(a|b)*
- 5. (a|b)*c(ab)+

(0.5 mark - alb) abb

3) ((a 16) # ab) JA × HI 2)(a/b)c Ex. DCA JFA



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Max. Marks: 2.5 Points

Muhammad Hommad 03-134221-024 Name:

COURSE CODE: CSC-37 Shift: Morning

Marks Obtained:

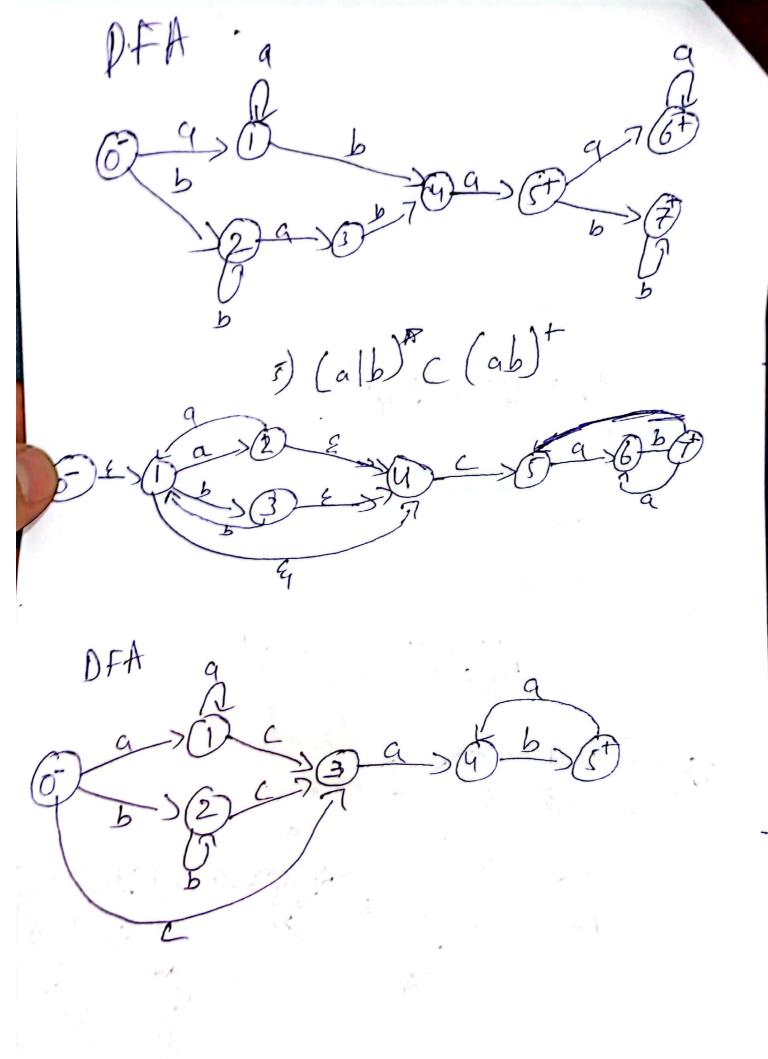
Reg No:

Question 1:

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- 1. (a|b) *abb
- 2. (a|b)c
- 3. ((a|b)*ab)*
- 4. (a|b)*aba(a|b)*

5. (a|b)*c(ab)+4)(a/b) aba (a/b) (0.5 mark de 16)



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(Lahore Campus).

Department of Computer Science QUIZ# 02- Spring 2024

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COURSE CODE: CSC-32 Shift: Morning

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Dr. Hajra Masood

Course instructor:

Time Allowed: 30 minutes Date 29th May 2024

Max. Matks: 2.5 Points

Marks Obtained

Muhammed Hammed 03-134221-024

Reg No:

Question 1:

Design a deterministic finite automaton (DFA) for the language described by thoregal expressions. Provide the state diagram and the transition table for the DFA

- 1. (a|b) *abb
- 2. (alb)e
- 3. ((a|b)*ab)*
- 4. (a|b)*aba(a|b)*
- 5. (alb)*c(ab)*

Trumitation delles

10.5 mark 1

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