Quiz #2

CSE 4703

Total Marks: 15

Time 20 minutes

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|  | Student ID: |

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| 1. | Prove that regular language is closed under start operation. | 7 |
| 2. | Describe as simply as possible in English the language corresponding to the regular expression  R=0\*10\*(10\*10\*)  Draw a finite state machine that will recognize R. | 8 |

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|  | Student ID: |

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| 1. | Prove that regular language is closed under concatanation operation. | 7 |
| 2. | Describe as simply as possible in English the language corresponding to the regular expression  R=0\*(10\*10\*)  Draw a finite state machine that will recognize R. | 8 |