Daffodil International University

Fall 2020

Department of Software Engineering

Final Open Book Examination Answer Script

Full Marks: 30 Allowed Time: 1:30 hrs (from: 02:00 PM to 03:30 PM)

Date: Wednesday 23, December 2020

Submission Time : By 3:30pm

General Information (must be filled by the student)

COURSE CODE: | SWE 411 | SECTION: | B | CAMPUS: MC   PC

STUDENT ID: | 171-35-2037 | TIME STARTED: | 2:00 | TIME ENDED: | 3:30

[Student must either TYPE or HAND WRITE the answers in this template; In case needed just write your detail on the paper using hand]

**** Plagiarism will be checked while you submit your response. You are advised to be honest during the open book exam.**

Ans To the Question no -9

Sakil mia   171-35-2037

Ans to the ques No → 9

11 0 0 0 0 0 0   → D1

0 0 0 1 1 0 1 1   - D2

1 1 0 1 1 0 1 1   D1+D2

1 0 0 0 1 0 0 1   D3

0 1 1 0 0 1 0 0

0 1 1 0 0 1 0 1   D1+D2+D3

1 1 1 0 1 1 0 0 0 0   D4

1 0 1 0 1 0 1 0 1

1

0 1 0 1 0 1 1 0   D1+D2+D3 +D4

1' complement:

1 0 1 0 1 0 0 1

Rx:-

```
  1 1 0 0 0 0 0 0      D1
  0 0 0 1 1 0 1 1      D2
  _____
  1 1 0 1 1 0 1 1      D1+D2
  1 0 0 0 1 0 0 1
  _____
  0 1 1 0 0 1 0 0
```

```
  0 1 1 0 0 1 0 1      D1+D2+D3
  1 0 1 0 0 0 0 0
  _____
  0 1 0 1 1 0 1 0 1
```

```
  0 1 0 1 0 1 1 0      D1+D2+D3+D4
  1 0 1 0 1 0 0 1
  _____
  1 1 1 1 1 1 1 1      D1+D2+D3+D4
                        + checksum
```

1's complement :- 0 0 0 0 0 0 0 0

So, here, Error free.