

College of Engineering Technology Department of Computer Science

Discrete Mathematics (COMP233)

These questions are highly recommended to be solved by students at home. Most of the quizzes will be from these questions.

Chapter 2:

Section 2.1, p 37: 4, 5, 15, 19, 24, 26, 33, 37, 42, 43, 49, 52, 54

Section 2.2, p 49: 2, 6, 10, 14(a), 15, 17, 22, 23, 25, 27, 31, 48, 50

Section 2.3, p 61: 9, 11, 12(b), 13

Chapter 3:

Section 3.1, p 106: 4, 6, 7(b,c), 10, 12, 16(b), 17(b), 19

Section 3.2, p 115: 2, 3(b,d), 4(b,d), 10, 14, 15, 17, 19, 23, 27, 40, 42

Section 3.3, p 128: 2, 11, 12, 14, 15, 21, 22, 31, 41, 46, 47, 48

Chapter 4:

Section 4.1, p 161: 5, 6, 10, 12, 13, 16, 27, 28, 32, 36, 46, 48, 49, 52, 54

Section 4.2, p 168: 10, 16, 17, 18, 19, 22, 23, 26

Section 4.3, p 177: 5, 13, 16, 21, 29, 31

Section 4.4, p 189: 2, 4, 6, 8, 9, 10, 17, 19, 21, 22, 24, 25, 35, 43

Chapter 5:

Section 5.1, p 242: 2, 4, 13, 15, 16, 18, 24, 25 34, 36, 42, 44, 45, 50, 52, 60, 63,64,67 70, 72, 74, 76 Section 5.2, p 256: 4, 5, 7, 11, 14, 16, 21, 23, 26, 27, 31 Section 5.3, p 266: 2, 7, 9, 10, 17, 18, 23

Chapter 6:

Section 6.1, p 349: 1(b,d,f), 7, 9(b,c), 10(f,g,h), 12, 16(b,c), 17(b,c,d,e,f), 20, 27(c,e), 30, 34(b,c), 35(c,d)

Section 6.2, p 364: 1(c), 7, 10, 15, 16, 21, 31,36

Section 6.3, p 372: 3, 8, 12, 13, 17, 20, 29, 32, 33, 34, 45

Chapter 7:

Section 7.1, p 393: 2, 6, 7, 9, 18, 19, 20, 41, 42, 43

Section 7.2, p 413: 1, 8, 12, 13, 17, 18, 23, 25, 27, 33, 35, 43

Chapter 8:

Section 8.1, p 448: 4, 6, 7, 11, 20, 23

Section 8.2, p 458: 10, 13, 14, 16, 21, 29, 34, 35, 37

Section 8.3, p 475: 9, 10, 15, 21, 22, 25, 27, 28, 42

Chapter 9:

Section 9.1, p 523: 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 19, 21, 22, 23, 24, 25, 26, 27, 28

Section 9.2, p 536: 12, 13, 14, 15, 18, 19, 22, 33, 36, 39, 42, 43

Section 9.3, p 549: 9, 13, 19, 22, 23, 34,35,

Section 9.5, p 581: 8, 15, 17, 19, 21, 23, 25, 26, 27, 28

Section 9.6, p 590: 1, 3, 4, 8, 16, 17