

Calculus Assignments

Correct answers not provided in the back of the textbook will be given either through the website or during class.

Chapter 1

- 1.1 Pg. 7 Exs: 5-35 odd
- 1.2 Pg. 17 Exs: 1-4, 6-34 even
- 1.3 Pg. 24 **Part A** Exs: 1-18 (19-22 in class) **Part B** Exs: 24-29, 33, 36
- 1.4 Pg. 30 Exs: 1-4, 7, 8, 10, 17
- 1.5 Pg. 39 Exs: 1-6, 13-41 odd, 42, 47, 48
- 1.6 Pg. 48 Exs: 2-26 even, 34

Chapter 2

- 2.1 Pg. 62 Exs: 1-6, 8, 10, 14-36 even, 45-52
- 2.2 Pg. 71 Exs: 1-8, 10, 12, 16-38 even
- 2.3 Pg. 80 Exs: 1-16, 19-29
- 2.4 Pg. 87 Exs: 1-11, 16, 24-31

Chapter 3

- 3.1 Pg. 101 Exs: 1-12, 16
- 3.2 Pg. 111 Exs: 1-12, 15, 17, 18, 29
- 3.3 Pg. 120 Exs: 2-16 even, 24-30 even, 33, 34
- 3.4 Pg. 129 Exs: 1-6, 8-13, 16, 25
- 3.5 Pg. 140 Exs: 1-13, 15-23, 28
- 3.6 Pg. 146 Exs: 2-30 even, 34
- 3.7 Pg. 155 Exs: 1-11, 17-20, 23, 26, 29, 30, 34
- 3.8 Pg. 162 Exs: 2-14 even, 19, 20, 22
- 3.9 Pg. 170 Exs: 2-32 even, 43, 44, 47

Chapter 4

- 4.1 Pg. 184 Exs: 1-24, 50
- 4.2 Pg. 192 Exs: **Part A** 2-14 even, 15-22 **Part B** 25-34, 43, 44
- 4.3 Pg. 203 Exs: 1-5, 7-12, 30, 37-42
- 4.4 Pg. 214 Exs: 1-5, 8-11, 13-15, 26
- 4.5 Pg. 229 Exs: 1-7, 8(a) and (b), 10, 11, 12, 20, 28, 30, 32, 35, 37, 38, 41
- 4.6 Pg. 237 Exs: 1-6, 10-13, 16, 17, 18, 20, 21, 22, 24, 28, 29, 30

Chapter 5

- 5.1 Pg. 254 Exs: 1-8, 10-13
- 5.2 Pg. 267 Exs: 2-28 even
- 5.3 Pg. 274 Exs: 2-32 even, 40, 41
- 5.4 Pg. 286 Exs: 1-20, 25-30, 37-42, 52, 53
- 5.5 Pg. 295 Exs: 1-9

Chapter 6

- 6.1 Pg. 312 Exs: 1-23, 26-34, 39-44
- 6.2 Pg. 321 Exs: 1-15, 30, 31-44
- 6.3 Pg. 328 Exs: 1-25 odd
- 6.4 Pg. 338 Exs: 1-12, 15, 16, 20, 26, 29, 30
- 6.5 Pg. 347 Exs: 1-12, 15, 16, 21, 22, 23, 25
- 6.6 Pg. 355 Exs: 1-9 odd, 10, 11, 12, 15, 16, 23, 24(#12 and 24 do not do "Improved Euler")
- 6.7 Pg 358 # 1-28

Chapter 7

- 7.1 Pg. 371 Exs: 1-16, 19-22
- 7.2 Pg. 380 Exs: 1-15, 17, 28, 31-35
- 7.3 **Part A** Pg. 390 Exs: 14-34 even, skip #22 **Part B** Exs: 22, 35-42 all **Part C** Exs: 1-10 all
- 7.4 Pg. 399 Exs: 1-15 odd, 23, 24
- 7.5 Pg. 407 Exs: 1-11, 17, 18
- 7.6 Pg 413 #1, 2, 6-9, 20, 21, 24, 39

Chapter 8

- 8.1 Pg. 423 Exs: 1-41 odd
- 8.2 Pg. 431 Exs: 2-22 even, 25, 26
- 8.3 Pg. 442 Exs: 7-21, 27-39 odd
- 8.4 **Part A** Pg. 452 Exs: 1-6, 7-25 odd (skip 15), 27, 33, 34 **Part B** Pg. 453 Exs: 35-46

Chapter 9

- 9.1 Pg. 466 **A** Exs: 1-16, 23, 24, 25, 27, 36-41, 48, 49 **B** Exs: 17-22, 42-47, 50, 51, 52
- 9.2 Pg. 478 Exs: 1-21
- 9.3 Pg. 486 Exs: 1-15 odd, 25, 26, 27
- 9.4 Pg. 495 **A** Exs: 45-49 **B** Exs: 1-16 **C** Exs: 19-36
- 9.5 Pg. 506 **A** Exs: 1-11 **B** Exs: 12-26 **C** Exs: 27-42, 50-55

Chapter 10

- 10.1 Pg. 518 Exs: 1-20
- 10.2 Pg. 527 Exs: 1-27, 29, 30, 32
- 10.3 Pg. 537 Exs: 1-20, 23, 24
- 10.4 Pg. 549 Exs: 1-9, 13, 14, 18, 25
- 10.5 Pg. 558 Exs: 1-18, 19-28, 37-57 odd
- 10.6 Pg. 566 Exs: 1-8, 13-25 odd, 31-42, 44