

Fall, 2003 Make Up

Ans.

1. D
2. A
3. B
4. B
5. B
6. A
7. C
8. E
9. C
10. F
11. D
12. B
13. C
14. A
15. (a) T (b) F
16. $130/\sqrt{17}$, $-130/\sqrt{17}$
17. $x=t-1$, $y=-3t+1$, $z=-2t$
18. (a) 2 (b) 1 (c) 4 (d) 3
19. $\frac{\sqrt{2}}{2} + \frac{\sqrt{2}}{2}i$, $-\frac{\sqrt{2}}{2} + \frac{\sqrt{2}}{2}i$, $-\frac{\sqrt{2}}{2} - \frac{\sqrt{2}}{2}i$, $\frac{\sqrt{2}}{2} - \frac{\sqrt{2}}{2}i$
20. $y = -x + Cx^2$