

Spring 2022 MA26600

Exam 1 (Green Version)

Answer Key

1. B
2. A
3. D
4. C
5. E
6. A
7. D
8. $y''' - 4y'' + 4y' = 0$
9. (a) Critical points $x = 1$ (unstable), $x = 7$ (stable); (b) $x(t) \nearrow 7$ as $t \rightarrow \infty$.
10. $x^2y - xy^3 + 3y^2 = 6$.