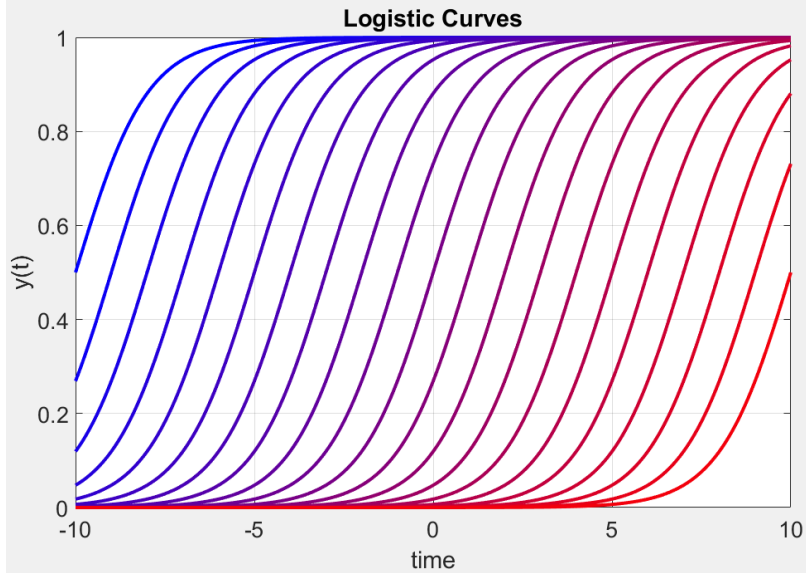# Answer Template for Lab 2
ENGR 232 – Dynamic Engineering Systems

Lab #2   **Name: David N Juboor**

**Questions 1-2: Paste your graph with 21 sigmoidal curves here for 2 points credit.**
They should gradually transition from blue to red through shades of purple.

Question 3: The exact solution satisfying P(0) = 1 is $p(t) \;=\; \dfrac{10}{9 \times e^{-2 \times t} + 1}$

Question 4: Replace the given graph, with your own graph which will be <u>different</u>.
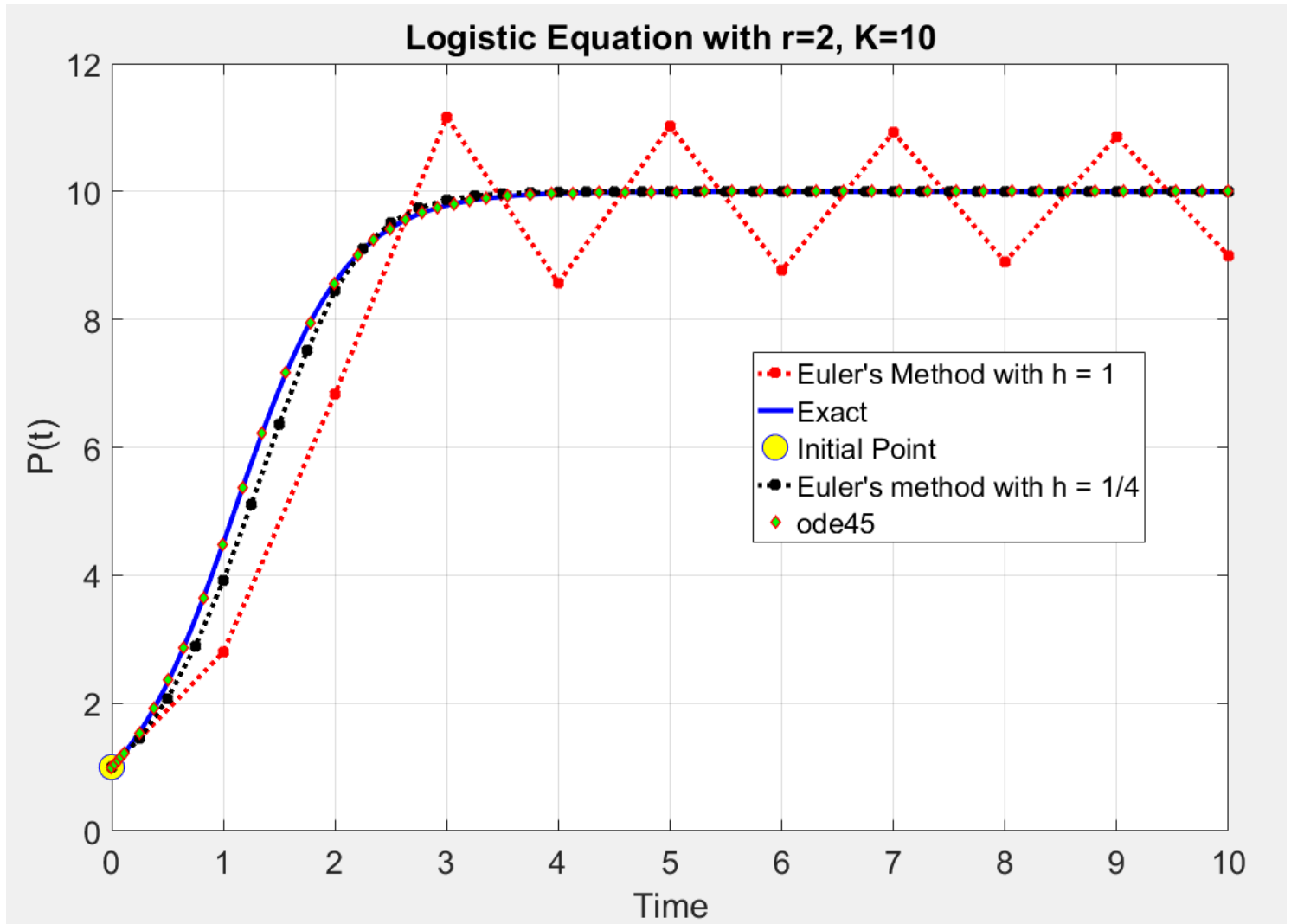Your graph will be less steep, and will rise up to 10. Paste your graph here.
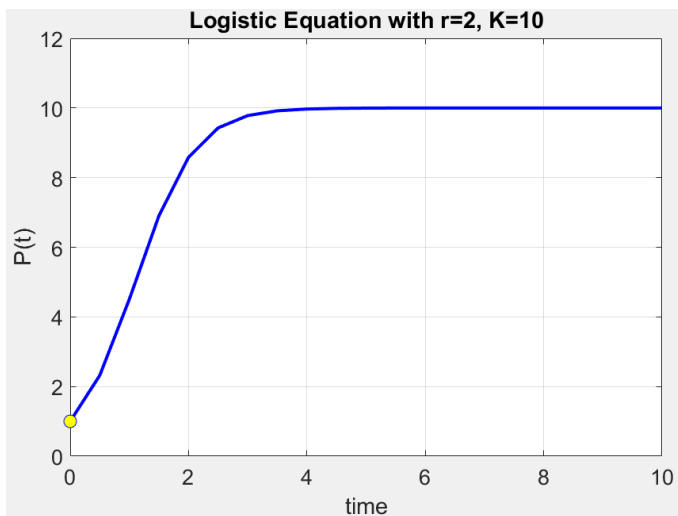
Q5. The initial value of the slope is: 1.800

Questions 6 – 10: <u>Replace</u> the sample graph, with your own graph which will be <u>different</u>. (5 points)
Paste your final graph here for 5 points!
Grader will award one point for each of the three numerical solutions and two points for a correct legend which does not cover any of the data points.