

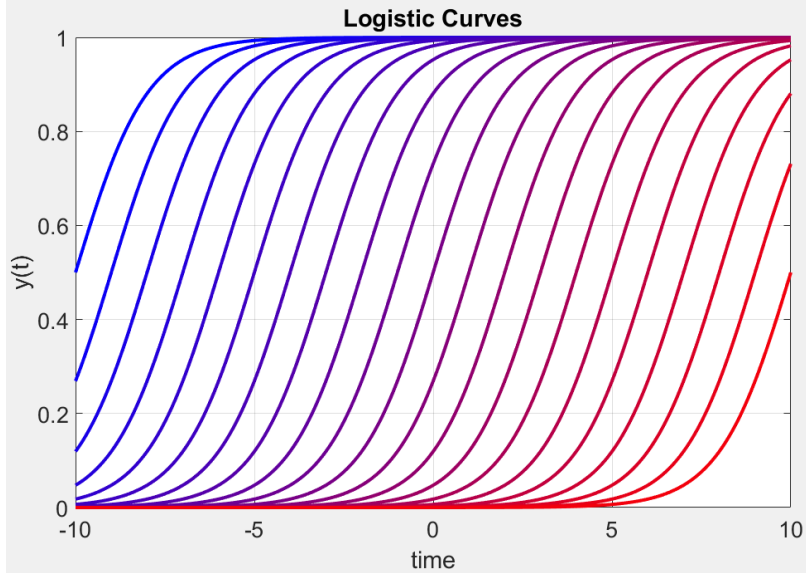
Answer Template for Lab 2
ENGR 232 – Dynamic Engineering Systems

Lab #2

Name: David N Juboor

Questions 1-2: Paste your graph with 21 sigmoidal curves here for 2 points credit.

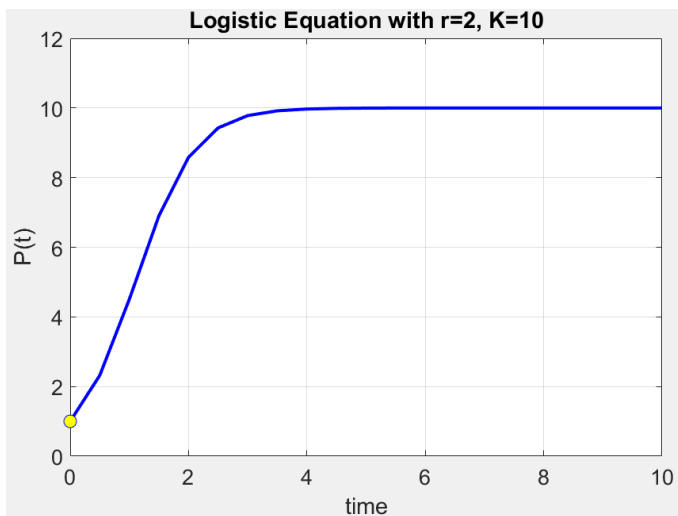
They should gradually transition from blue to red through shades of purple.



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

Question 4: Replace the given graph, with your own graph which will be different.

Your graph will be less steep, and will rise up to 10. Paste your graph here.



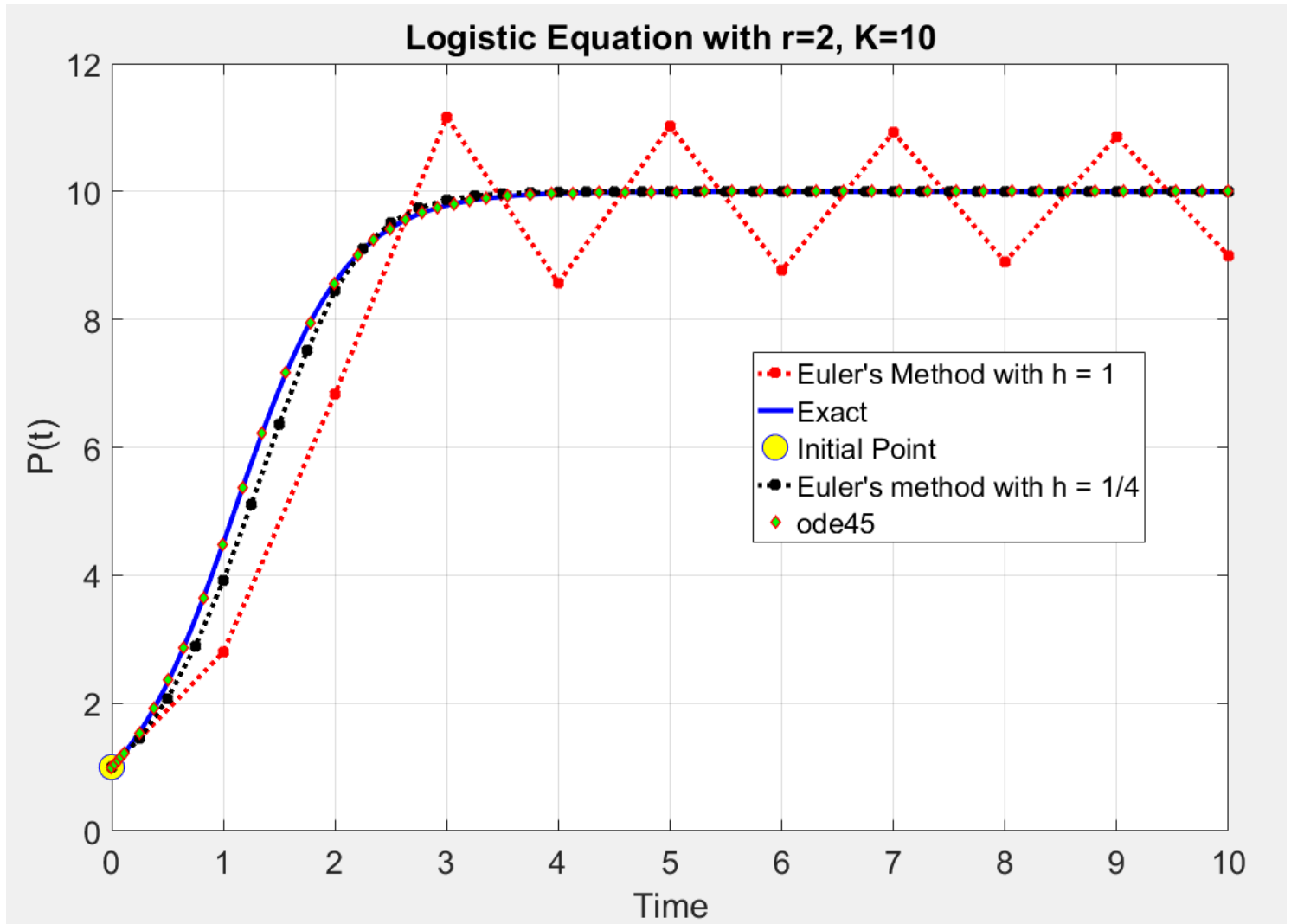
Q5. The initial value of the slope is: 1.800

Questions 6 – 10: Replace the sample graph, with your own graph which will be different.

(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.



Be sure all ten questions are answered, then submit your Answer Template file as a single PDF before the submission window closes. Submission must be a single PDF file! Only one submission is allowed.