KFUPM – Department of Mathematics and Statistics – Term 181 MATH 202 QUIZ # 5 Code 1 (Duration = 20 minutes)

NAME:		ID:	Section:
Exercise 1 (10 points)			
/1	0 0	\	
Solve the system $X' = \begin{bmatrix} 1 \end{bmatrix}$	1 1	X	
\1	0 1	/	

KFUPM – Department of Mathematics and Statistics – Term 181

MATH 202 QUIZ # 5 Code 2 (Duration = 20 minutes)

NAME:				ID:	Section:
Exercise 1 (10 points)	.2	0	0.		
	12	0	٧١		

Solve the system
$$X' = \begin{pmatrix} 2 & 0 & 0 \\ 1 & 2 & 1 \\ 1 & 0 & 2 \end{pmatrix} X$$