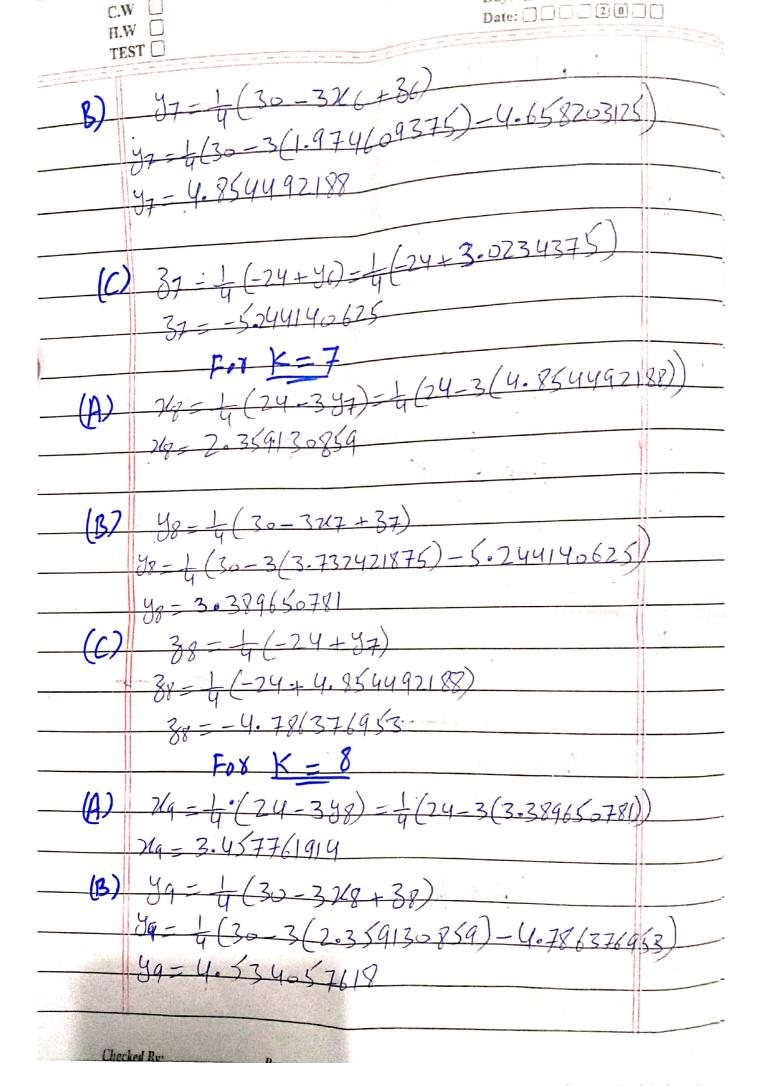


	For K=4	ı
(A)	26 = 4(24-3/4) = 4(24-3(2.4375))	
(3)	$\frac{265 - 4.171875}{45 - 4(30 - 324 + 34) - 4(30 - 3(1.3593)5)}$	
	-4.453125)	-
(c)	35 - 5.367/875 1 (-24 - 2:4375)	_
	$\frac{35 - 4(-24 + 94) - 4(-24 + 5.3(71275)}{35 - 4.658703175} = -5.390675$	_
	Fox K = 5	_
(A)	26= 4 (24-345)=4(24-3(5-3671875))	_
	26 = 1.974609375	
<b>(B)</b>	$y_6 = \frac{1}{9}(30 - 3265 + 35) - (390675)$	
*	96 = 4(30-3(4·171875)+(41657703125))	
	y = 3.26542969	
(4)	96=3.0734375	
(C)	36 = f(-24+95) - f(-24+5.3671875)	
	36 = -4.65 8203125	
(A)	Fox k=6	
- (5)	$\frac{267-4(24-346)-4(24-3(3.0234376))}{247-3.7324211875}$	
	7-2-7-1-7-1	



$$\mathbf{A} = \begin{bmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \\ a_{31} & a_{32} & a_{33} \end{bmatrix}$$

$$\begin{vmatrix} a_{11} - 1 & a_{12} & a_{13} \\ a_{21} & a_{22} - 1 & a_{23} \\ a_{31} & a_{32} & a_{32} - 1 \end{vmatrix} = 0$$

$$(\alpha_{11}-1)$$
  $\begin{vmatrix} \alpha_{22}-1 & \alpha_{23} \\ \alpha_{32} & \alpha_{33}-1 \end{vmatrix} - \begin{vmatrix} \alpha_{12} & \alpha_{21} & \alpha_{23} \\ \alpha_{31} & \alpha_{33}-1 \end{vmatrix} + \frac{\alpha_{13}}{\alpha_{31}} \begin{vmatrix} \alpha_{21} & \alpha_{22}-1 \\ \alpha_{32} & \alpha_{33}-1 \end{vmatrix} = 0$ 

$$\begin{array}{l} (a_{11}-1)\left( (a_{22}a_{33}-a_{22}1-a_{33}1+1^{2})-a_{23}a_{37}\right) -a_{12}\left( a_{21}a_{33}-a_{24}1-a_{23}a_{34}\right) \\ +a_{43}\left( a_{21}a_{31}-\left( a_{22}a_{31}-a_{31}1\right)\right) =0 \end{array}$$

$$a_{11}a_{22}a_{33} - a_{11}a_{22}\pi - a_{11}a_{33}\pi + a_{11}\pi^2 - a_{11}a_{23}a_{32} - a_{22}a_{33}\pi$$

+azz12+ a3312-13+ azza3z1 - a12 az1a33 + a12 az11+ a12 az3 a31 +a13a21a32 - a13a22a31 + a13a311 =0

$$A^3 - (a_{11}+a_{22}+a_{33})A^2 + (a_{11}a_{22}+a_{11}a_{33}+a_{22}a_{33}-a_{12}a_{21}-a_{23}a_{32}-a_{13}a_{31})A - a_{11}a_{22}a_{33}+a_{11}a_{23}a_{32}+a_{12}a_{43}a_{33}-a_{12}a_{23}a_{31}-a_{12}a_{23}a_{31}-a_{13}a_{22}a_{31}=0$$

 $A^3 - txace(A)A^2 + (a_1a_{22} + a_{11}a_{33} + a_{22}a_{33} - a_{12}a_{24} - a_{23}a_{32} - a_{13}a_{31})A$  -|A| = 0

# Question # 02 [CLO-3]

$$142 + 33 = 24$$
  
 $32 + 143 - 3 = 30$   
 $-3 + 43 = -24$ 

### by Seidel Method

#### For K=0!

$$y_1 = \frac{1}{14}(30 - 3)(1 + 3) = \frac{1}{14}(30 - 3(1.714285714) + 0)$$
  
 $y_1 = 1.775510704$ 

-: initially -: 10=0, Jo=0, 30=0

## Fox K=1

$$32 = \frac{1}{4}(-24 + \frac{1}{2})$$
  
 $32 = -5.634956789$   
 $500 = 2$ 

$$x_3 = \frac{1}{14}(24 - 342)$$

$$y_3 = \frac{1}{4}(30 - 32 + 32)$$

### FOI K= 3

$$74 = \frac{1}{14}(24 - 343)$$

$$94 = 4(30 - 324 + 33)$$

# FOX K=4

# FOR K=5

$$36 = \frac{1}{4}(-24 + 46)$$