Date:

11T20 19135 Kathuri Abhinav

The second secon			
A DELLA	×	×2	××
100.2 98.3 87.1 89.2 88.9 83.5 89.1 84 92.3 96 97	2006 2008 2009 2011 2013 2014 2015 2016 2017 2018 2019	4024036 4032064 4636081 4644121 4052169 4056196 4060225 4064256 4068289 4072324 4072324 4076361	201001.2 197386.4 174983.9 179381.2 178955.7 168169 179536.5 169344 186161.1 193728 195843
1005.6	22146	44586122	20 = (()

$$w_0 = \frac{(B-c) - (A-D)}{(m-c) - (A-A)}$$

$$w_1 = \frac{(A.B) - (m.b)}{(A.A) - (m.c)}$$

$$A = (2 \times 1)^{2}$$

$$C = 2 x_i^2 = 44586122$$

$$D = \leq x_i /_i - 2024498$$

Date : [

$$[W_0] = \frac{(1005.6 \times 44586122) - (22146 \times 2024498)}{(44586122 \times 11) - (22146 \times 22146)}$$

$$= \frac{1271575.2}{2626} = \frac{627}{}$$

$$= \frac{539.6}{-2620} = -0.2633$$

(b) The expected revenue in 2021
$$y = 627 - (0.2633)(2021)$$

$$= 94.87$$

(c)
$$m = 11$$

$$J = \frac{1}{2(11)} \left[\left(h_{\omega}(x_{i}) - Y_{i} \right) \right]^{2}$$

$$= \frac{1}{2(11)} \left[\left(w_{0} + w_{i} \times \right) - \times \right]^{2}$$

Page No.

Date :

$$= \frac{1}{22} \left[(92.8 - 100.2)^{2} + (92.26 - 98.3)^{2} + (92.06 - 87.7)^{2} + (91.47 - 89.2)^{2} + (90.93 - 88.9)^{2} + (90.67 - 83.5)^{2} + (90.40 - 89.1)^{2} + (90.13 - 84)^{2} + (92.3 - 81.9)^{2} + (89.6 - 96)^{2} + (89.34 - 97)^{2} \right]$$

$$J = \frac{1}{22} \left[54.72 + 36.36 + 24.04 + 5.15 + 4.15 + 51.63 + 58.67 + 1.7 + 37.58 + 5.89 + 40.87 \right]$$

$$J = \frac{1}{22} (320)$$

829 641

9621 017

441 2275 26

1347 16