SetA 是是工品工工工 FR & R 2 4csr = 2x(6c+3hc)

= 3RC (2+h)

= 6c+2hc

Fall time " test = (= + =) (6 C+3 hc) tost = (= + =) (6 C+3 hc) + = 2 × 2 C = 3RC(2+h) =(7+3h)RC (1) Per 1 = 10 nm = 0.01 km W=42 = 0.04 um Q = 5 = 125652 C = 20×0.04 = 0.8 f F 1 = 100) NS+33 I tour = 3PC (2+h) = 15.3 NS tpln = (8+34) Pe= 30.8 ng test = 3PC(2+h) = 30.6ne tpdf = (7+3h) RC = 30.7 ng

Set 8

(a)

$$\frac{R^2}{2}$$
 $\frac{R^2}{2}$
 $\frac{R^$

test =
$$\frac{1}{2} \times (6C+3hc)$$

= $\frac{3PC}{2}(2+h)$

(a)
$$\lambda = 5 \text{um}, W = 4 \lambda = 20 \text{nm} = 0.02 \mu \text{m}$$

 $P = \frac{10}{0.02} = 250 \text{ks}, C = 75 \times 0.02$

test =
$$3PC(2+h) = \frac{22}{25}$$
 45. Sing
test = $(8+3h)PC = 45.6$ ng
test = $\frac{3PC}{2}(2+h) = 22.73$ ng

200 (2+1)