

(2.)	t.			
	grad 1	A	B	C
	A	8,11		
	В		2,4,6,72	
	C	7	' '	1,3,5,9,10

pred	A	В	C
A	2	0	0
В	р	4	0
C	1	0	5

3. Precall =
$$\frac{TP}{TP+FN}$$

recall_A = $\frac{2}{3}$

recall_B = $\frac{4}{4}$

recall_C = $\frac{5}{5}$

precision =
$$\frac{TP}{TP + FP}$$

precision_A = $\frac{2}{2}$

precision_B = $\frac{4}{4}$

precision_C = $\frac{5}{6}$

$$F1 = \frac{2}{\frac{1}{P} + \frac{1}{R}}$$

$$F1_A = \frac{2}{\frac{1}{1} + \frac{3}{2}} = 0.80$$

$$F1_8 = \frac{2}{1} = 1$$

$$F_1 = \frac{2}{\frac{b}{5} + \frac{1}{1}} = 0.91$$





