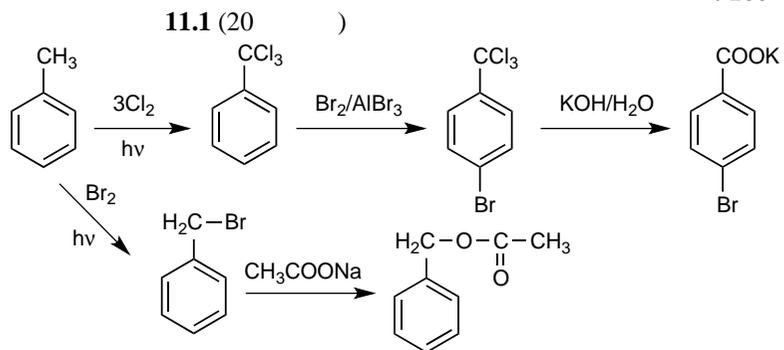


...

: 100



B - 1-

-4-

C -

-

D -

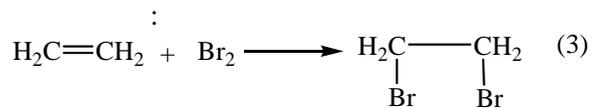
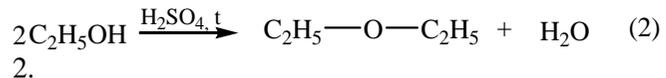
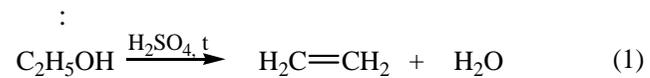
( )

E -

: 3 ( 15),  
- 1 ( 5). - 20 .

11.2 (20 )

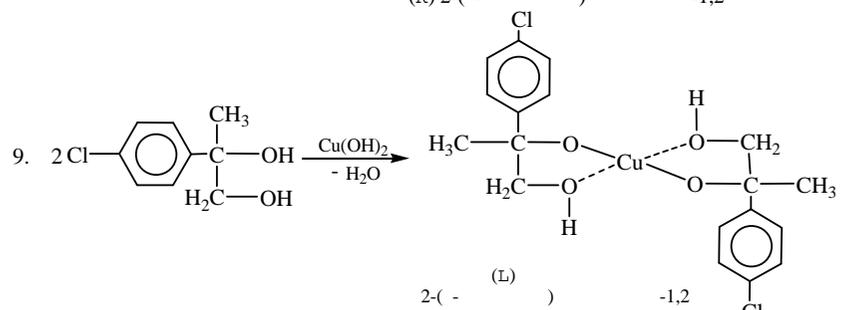
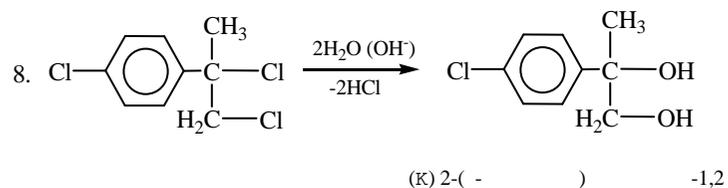
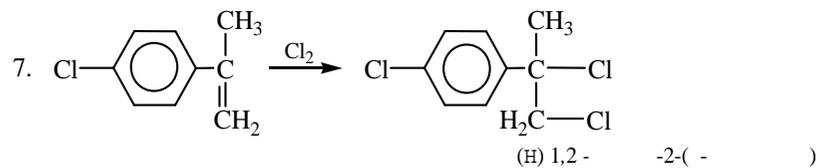
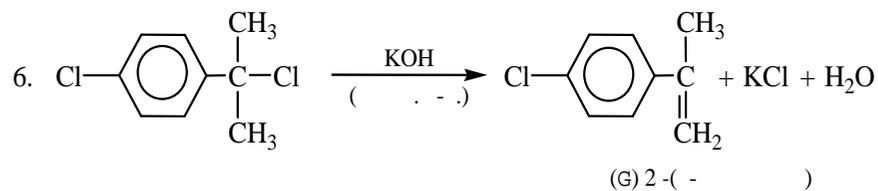
1.



:  
 $m(\text{Br}_2) = \frac{40 \cdot 40}{100} = 16 \quad (0,1 \quad )$

,  
 3),  
 0,1 (2,24 ) (,  
 0,1 (4,6 ) ,  
 (1).

3.



- 1 ( 10), - 1 ( 9), 11 . - 30 .

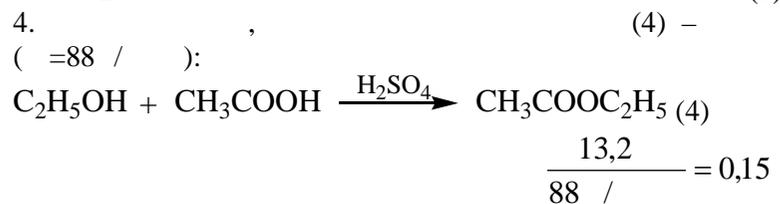
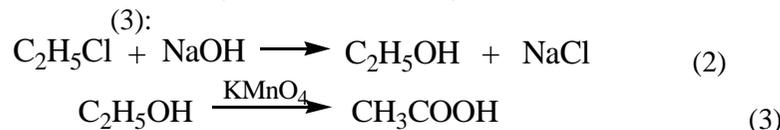
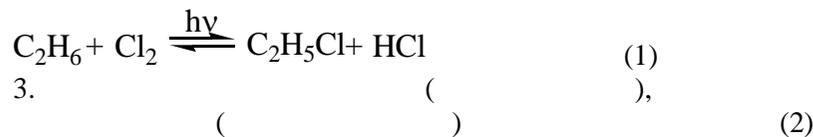
:  $m(C_2H_5OH) = 23 - 4,6 = 18,4$  (0,4 )  
 (2), 2 1  
 , 0,4 , 0,2  
 (14,8 ) , ..

: - 2 ( 6),  
 7 ( 14).  
 - 20 .

11.3 (30 )

1. :  
 $\frac{37,21}{12} = 3,11( )$ ;  $\frac{7,75}{1} = 7,75( )$ ;  $\frac{55,04}{35,5} = 1,55(Cl)$   
 , C : : l =  $\frac{3,11}{1,55} : \frac{7,75}{1,55} : \frac{1,55}{1,55} = 2 : 5 : 1$

2. :  $32,25 \cdot 2 = 64,5$  .  
 -  $C_2H_5Cl$ ,



5. ( 4):

$$\frac{0,15 \cdot 100}{60} = 0,25$$

6.

$$: 0,25 \cdot 2 = 0,5$$

0,5

( 2 )

7.

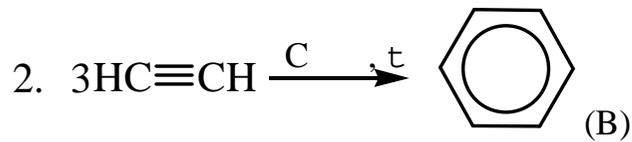
( 1 ) : 1

$$: \frac{2}{-15} \quad ( \frac{8}{-30} )$$

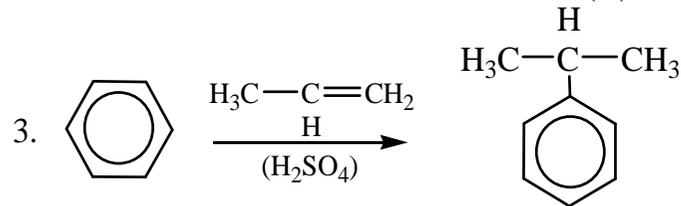
- 7 ,



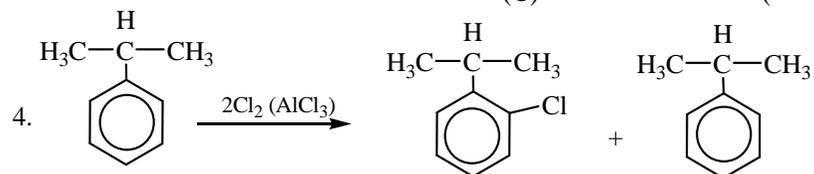
(A)



(B)



(C)



(D)

(E)

