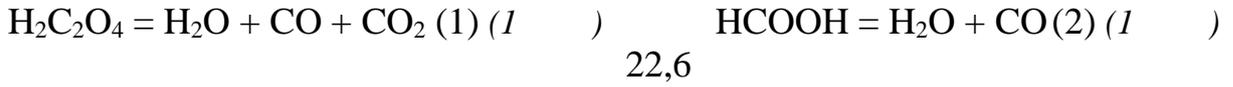


1

100 ?

22,6

11,2 (. .)



(1) (2), 11,2 , 0,5

1

1

- 1

2

(0,5 -) 0,5 , 90 /2

(0,5 -) , 46 · (0,5 -)

45 + 46(0,5 -) = 22,6; (I) = 0,4 (I)

0,4 · 45 = 18 (18/22,6 = 79,65%)

46(0,5 - 0,4) = 4,6 (4,6/22,6 = 20,35%) . (I)

5

2

...

) , D. (

) C. B C

0,8. B C

, B, C, D

0,889; 0,500; 0,600; 0,300.

0,633.

?

0,889/8 = 0,111/ , = 1, z = 1, = 1 - ; -

. (0,5 балла)

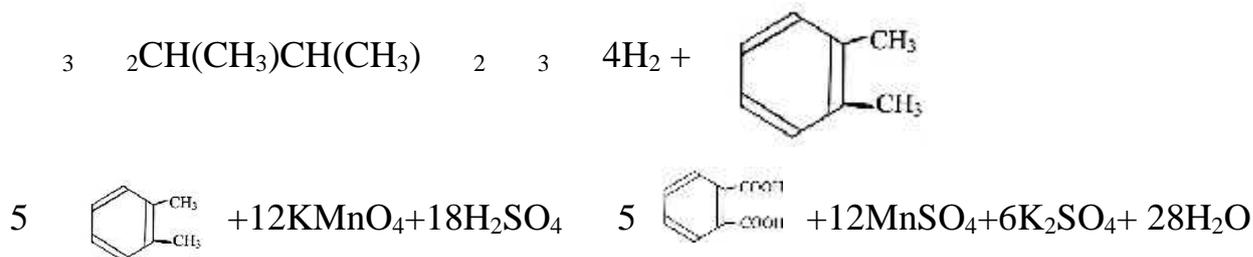
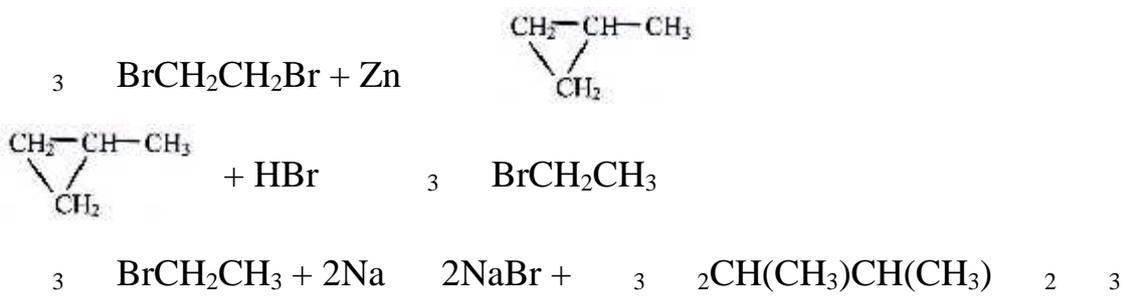
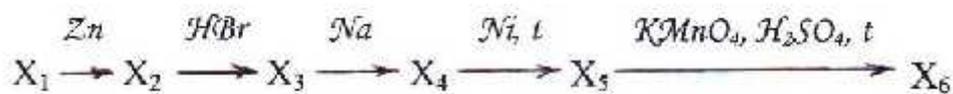
0,500/8 = 0,500/ , = 8, z = 4, = 32 - ; -

SO₂ (0,5 балла)

$0,600/8 = 0,400/D$, $D = 5,333$, $z = 6$, $= 32 -$;
 SO_3 . (0,5 балла)
 $0,300/8 = 0,700/$, $= 18,667$, $z = 3$, $= 56 -$;
 $D -$ Fe_2O_3 . (0,5 балла)

$FeSO_4 \cdot 7H_2O$ (1) -
 (1), $0,633$,
 $2FeSO_4 \cdot 7H_2O = Fe_2O_3 + SO_2 + SO_3 + 14H_2O$ (1)
 5
 3

1 6. 2 - 6,
 $166 /$,
 $57,83 \%$, $38,55 \%$ $3,61 \%$.



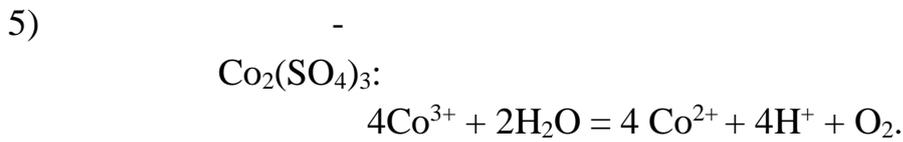
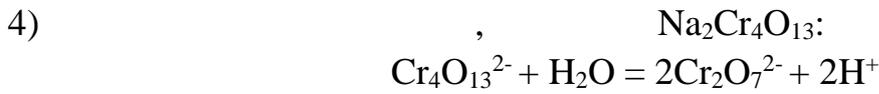
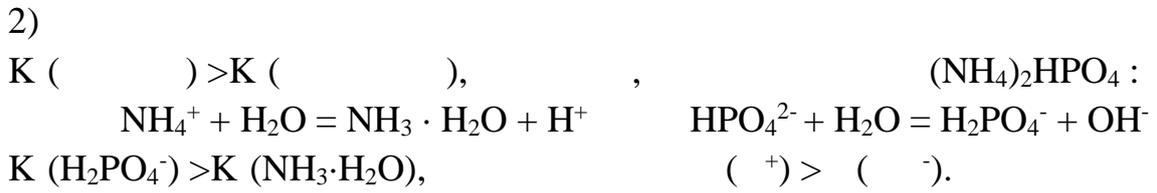
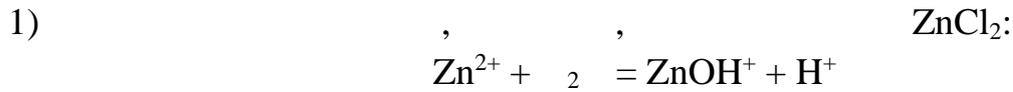
5

4

7.

pH

pH.



5

5

- 1) ;
- 2) ;

- 1) (I) - (I) ,
- 2) (I) (I) - (I) ,
- 5 (I)