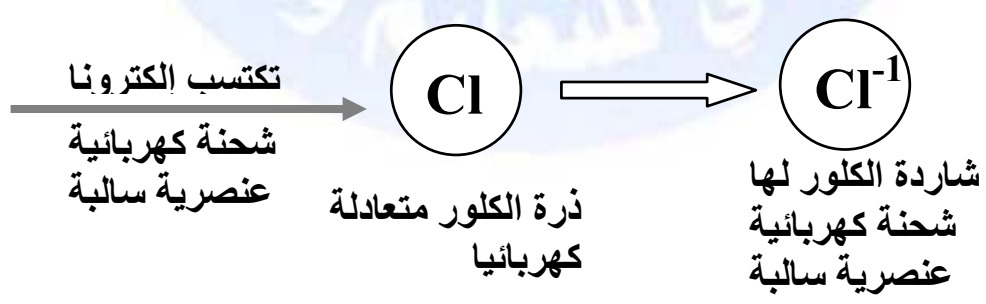
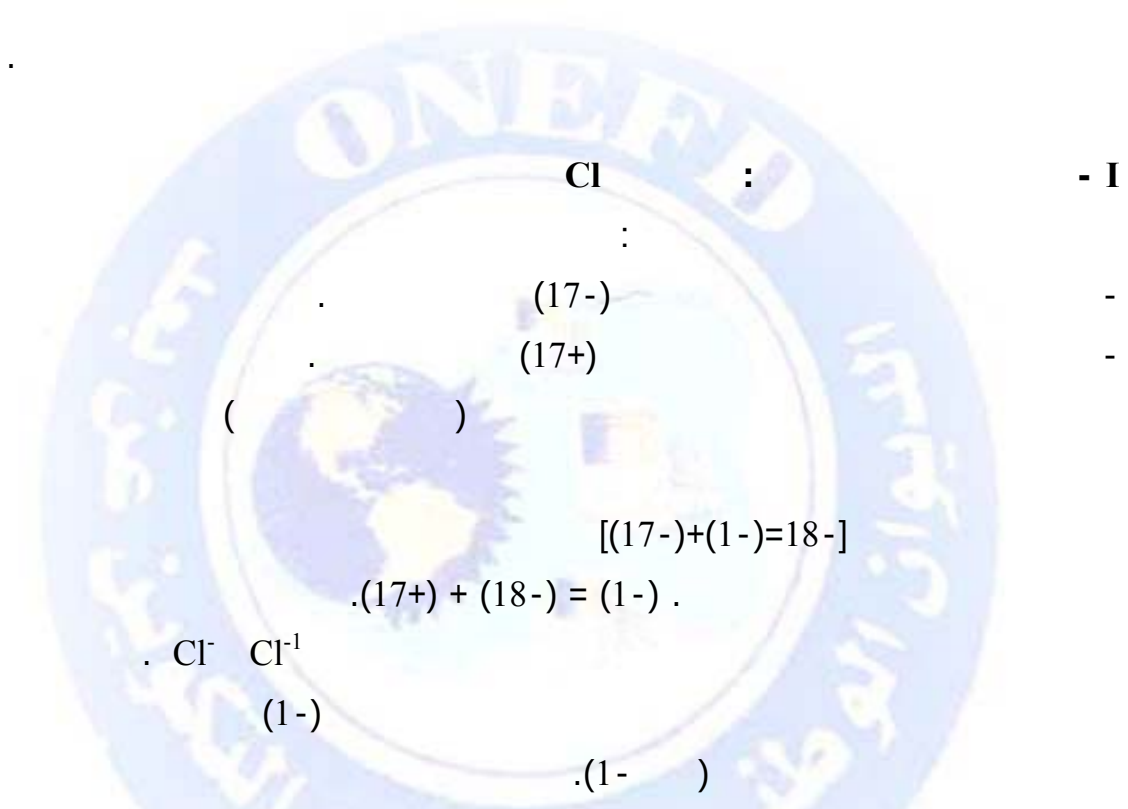




*
*
*
*

:
 :
 " "



الشكل-1

Na : - II

:

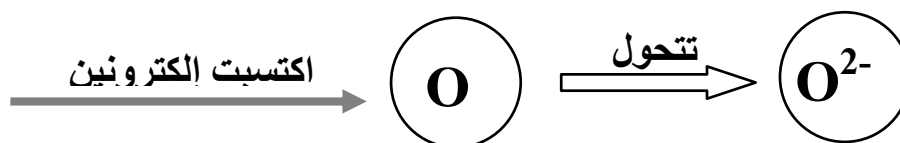
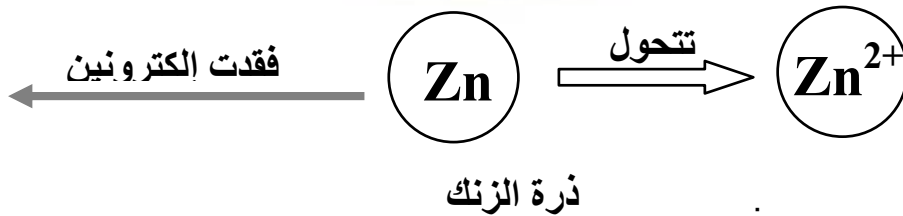
(11-)

(11+)

()

$$[(11+)+(10-)=(1+)]$$

. (2-) Na^+ Na^{1+}



:

:

:1-

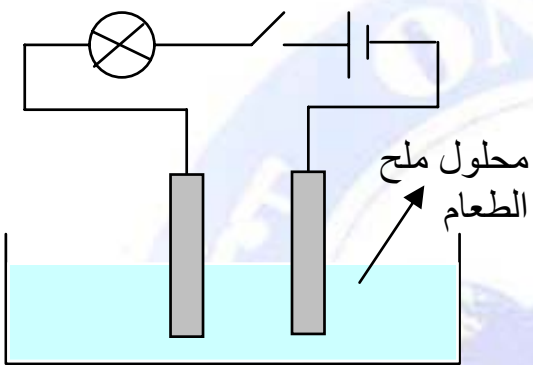
.4 3

3-

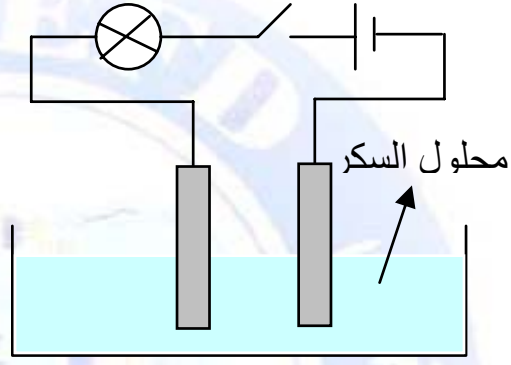
-

4-

-



الشكل-3



الشكل-4

4 3-

:

.4-

*

3-

*

:

)

-

.(

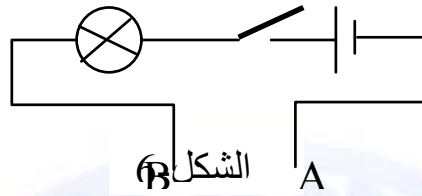
-

3-

_____ :

:

(6-) .

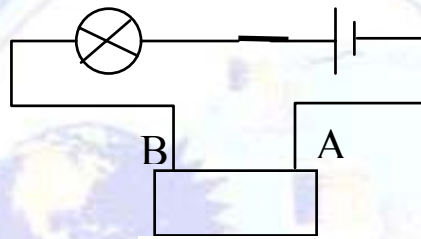


(-)

B A

(1

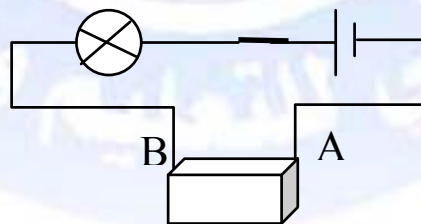
(7



(8-)

B A

(2



:

8 7

:



⋮	*
)	*
)	(
	.(
⋮	*
⋮	*
	*
	⋮

-1

-2

Al Al³⁺ :

. Al Al³⁺

-1

-2

■ ■

