



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

WORKSHEET-14(CLASS-11)

TOPIC- REDOX EQUILIBRIA

SUBTOPIC-ION-ELECTRON METHOD AND OXIDATION METHOD

SUBJECT – CHEMISTRY

DURATION – 30 mins

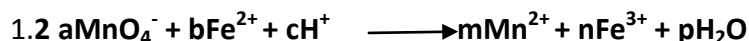


F.M. - 15

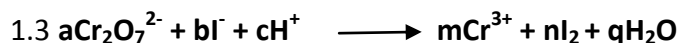
DATE -30.06.20



(a) $a=6$, $e=2$ (b) $a=2$, $e=3$ (c) $a=4$, $e=3$ (d) $a=1$, $e=5$



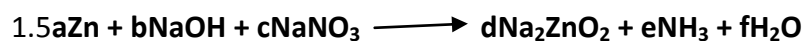
(a) $a=1$, $c=8$ (b) $a=2$, $c=4$ (c) $a=4$, $c=3$ (d) $a=1$, $c=2$



(a) $a=1$, $q=7$ (b) $a=2$, $q=3$ (c) $a=1$, $q=2$ (d) $a=2$, $q=3$



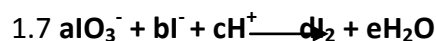
(a) $a=1$, $b=4$ (b) $a=1$, $b=8$ (c) $a=2$, $b=3$ (d) $a=2$, $b=4$



(a) $a=2$, $c=2$ (b) $a=1$, $c=3$ (c) $a=4$, $c=1$ (d) $a=3$, $c=5$



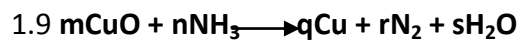
(a) $a=2$, $d=3$ (b) $a=1$, $d=2$ (c) $a=1$, $d=3$ (d) $a=4$, $d=5$



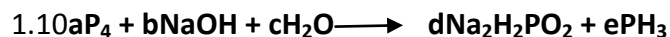
(a) $b=5$, $e=3$ (b) $b=3$, $e=4$ (c) $b=2$, $e=1$ (d) $b=5$, $e=2$



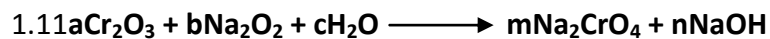
(a) $n=1$, $q=2$ (b) $n=3$, $q=4$ (c) $n=1$, $q=4$ (d) $n=1$, $q=2$



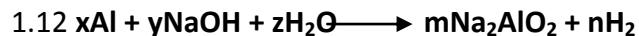
(a) $m=1$, $r=2$ (b) $m=3$, $r=1$ (c) $m=1$, $r=3$ (d) $m=2$, $r=4$



(a) $a=1$, $d=2$ (b) $a=3$, $d=4$ (c) $a=1$, $d=3$ (d) $a=1$, $d=3$

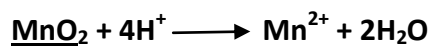


(a) $b=3, n=4$ (b) $b=3, n=2$ (c) $b=1, n=2$ (d) $b=3, n=4$



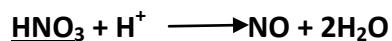
(a) $y=1, m=2$ (b) $y=2, m=2$ (c) $y=3, m=4$ (d) $y=1, m=1$

1.13 Determine the equivalent weights of the following marked compounds by applying the oxidation number and electronic methods-



(a) 25 (b) 37.2 (c) 158 (d) 27.5

1.14 Determine the equivalent weights of the following marked compounds by applying the oxidation number and electronic methods-



(a) 63 (b) 21 (c) 13 (d) 31

1.15 Determine the equivalent weights of the following marked compounds by applying the oxidation number and electronic methods-



(a) 32 (b) 64 (c) 25 (d) 23

PREPARED BY: MR. ARNAB PAUL CHOWDHURY