



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



SOLUTION-14(CLASS-11)

TOPIC- REDOX EQUILIBRIA

SUBTOPIC-ION-ELECTRON METHOD AND OXIDATION METHOD

SUBJECT – CHEMISTRY

DURATION – 30 mins

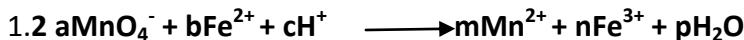
F.M. - 15

DATE -30.06.20



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

Ans. a



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

Ans. a



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

Ans. a



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

Ans. b



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

Ans. c



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

Ans. b



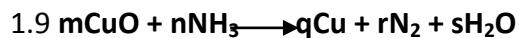
- (a) b= 5 e=3 (b) b=3, e= 4 (c) b=2, e= 1 (d) b= 5, e= 2

Ans. a



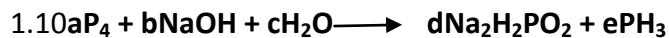
- (a) n=1, q=2 b) n= 3, q=4 c) n=1 q=4 d) n=1, q=2

Ans. c



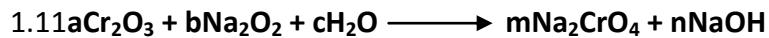
- (a) m=1, r= 2 b) m=3 r= 1 c) m=1, r= 3 d) m=2, r= 4

Ans. b



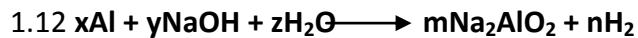
- (a) a=1, d=2 (b) a=3, d= 4 (c) a=1 d=3 (d) a=1, d=3

Ans. c



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

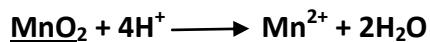
Ans. b



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

Ans. b

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

Ans. d

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

Ans. b

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

Ans. a

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