

CHEMISTRY CBT ANALYTICS

TOTAL QUESTIONS 10

TOPIC COVERED

SOLUTION

ELECTROCHEMISTRY

OVERALL PERFORMANCE

TOTAL NO OF SCHOOL PARTICIPATED

54

TOTAL STUDENTS PARTICIPATED

1,513 responses

 Vie

Accepti

AVERAGE SCORE

06.45

SCHOOL WISE PARTICIPATION ANALYSIS

NAME OF KV	ENROLLED	TOTAL APPEARED	% PARTICIPATION	AVERAGE SCORE
KV AMLA	20	20	100.00	08
KV BAIRAGARH	54	54	100.00	07
KV BARWAH	26	23	92.31	08
KV BARWANI	19	19	100.00	05
KV BETUL	22	25	100.00	04
KV BHIND	31	31	100.00	05
KV BHOPAL NO 01	57	55	96.49	07
KV BHOPAL NO 02	55	54	100.00	06
KV BHOPAL NO 03 (I SHIFT)	54	54	98.18	05
KV BINA	26	26	100.00	08
KV BURHANPUR	24	23	100.00	07
KV DATIA	27	27	100.00	06
KV DEWAS	45	45	91.11	06
KV DHAR	28	28	100.00	08
KV GAIL GUNA	1	01	100.00	09
KV GUNA	16	16	84.21	07
KV GWALIOR NO 01 (I)	48	48	84.21	07
KV GWALIOR NO 01 (2)	17	17	94.44	09
KV GWALIOR NO 02	41	41	100.00	07
KV GWALIOR NO 03	42	42	97.67	07
KV GWALIOR NO 04	26	26	100.00	05
KV GWALIOR NO 05	24	24	100.00	06
KV HOSHANGABAD	26	26	100.00	08
KV IIT INDORE	23	23	95.65	04
KV INDORE NO 1 (I)	40	39	97.50	05
KV INDORE NO 1 (II)	17	16	94.12	08
KV INDORE NO 02	46	46	100.00	07
KV OF ITARSI	34	33	97.06	07
KV CPE ITARSI	27	27	100.00	06
KV ITBP KARERA	16	16	100.00	06
KV ITBP SHIVPURI	18	13	94.44	06
KV JHABUA	19	19	100.00	06

NAME OF KV	ENROLLED	TOTAL APPEARED	% PARTICIPATION	AVERAGE SCORE
KV KHANDWA	26	21	80.77	06
KV KHARGONE	19	19	100.00	07
KV MANDSAUR	29	27	100.00	04
KV MHOW	44	31	95.45	08
KV MORENA	13	12	92.31	05
KV MUNGAOLI	21	21	100.00	05
KV NARMADANAGAR	17	17	100.00	04
KV NEEMUCH NO 01	46	46	100.00	07
KV NEPANAGAR	16	15	93.75	07
KV PACHMARHI	23	21	95.65	05
KV RAISEN	16	16	100.00	06
KV RAJGARH	20	20	100.00	08
KV RATLAM	20	18	90.00	07
KV SARANI	51	48	94.12	07
KV SEHORE	27	26	100.00	10
KV SEONI MALWA	32	30	96.88	06
KV SHAJAPUR	25	25	100.00	06
KV SHEOPUR	18	16	100.00	05
KV TEKANPUR	38	38	100.00	07
KV TIKAMGARH	15	13	86.67	07
KV UJJAIN	37	34	91.89	05
KV VIDISHA	16	16	100.00	05

SCHOOL WISE RESULT ANALYSIS

NAME OF KV	BELOW 04	FROM 04-06	FROM 07-09	10
KV AMLA	1	0	19	0
KV BAIRAGARH	6	16	32	0
KV BARWAH	0	0	23	1
KV BARWANI	0	8	11	0
KV BETUL	9	12	1	0
KV BHIND	9	9	8	5
KV BHOPAL NO 01	4	21	30	0
KV BHOPAL NO 02	4	20	31	0
KV BHOPAL NO 03 (I SHIFT)	6	29	19	0
KV BINA	0	1	24	1
KV BURHANPUR	2	7	14	1
KV DATIA	2	14	11	0
KV DEWAS	6	23	15	1
KV DHAR	1	4	23	0
KV GAIL GUNA	0	0	1	0
KV GUNA	0	4	12	0
KV GWALIOR NO 01 (I)	5	6	26	11
KV GWALIOR NO 01 (2)	0	2	11	4
KV GWALIOR NO 02	2	8	28	3
KV GWALIOR NO 03	1	15	24	2
KV GWALIOR NO 04	7	12	7	0
KV GWALIOR NO 05	3	8	13	0
KV HOSHANGABAD	0	2	19	5
KV IIT INDORE	10	10	1	1
KV INDORE NO 1 (I)	4	28	7	0
KV INDORE NO 1 (II)	1	2	5	8
KV INDORE NO 02	4	13	22	7
KV OF ITARSI	1	8	24	0
KV CPE ITARSI	7	7	13	0
KV ITBP KARERA	2	4	10	0
KV ITBP SHIVPURI	2	8	7	0
KV JHABUA	3	7	9	0

NAME OF KV	BELOW 04	FROM 04-06	FROM 07-09	10
KV KHANDWA	3	10	8	0
KV KHARGONE	1	6	12	0
KV MANDSAUR	13	10	6	0
KV MHOW	2	12	15	13
KV MORENA	2	6	4	0
KV MUNGAOLI	5	14	2	0
KV NARMADANAGAR	9	4	4	0
KV NEEMUCH NO 01	5	13	16	12
KV NEPANAGAR	0	1	14	0
KV PACHMARHI	6	8	8	0
KV RAISEN	0	10	6	0
KV RAJGARH	0	1	19	0
KV RATLAM	0	5	13	0
KV SARANI	2	21	23	2
KV SEHORE	0	1	3	23
KV SEONI MALWA	6	7	17	1
KV SHAJAPUR	0	15	10	0
KV SHEOPUR	6	7	5	0
KV TEKANPUR	2	7	29	0
KV TIKAMGARH	0	2	11	0
KV UJJAIN	9	18	7	0
KV VIDISHA	5	7	3	1

CLUSTERWISE ANALYSIS

NAME OF CLUSTER	TOTAL NO SCHOOLS	TOTAL NO OF STUDENTS PARTICIPATED	AVERAGE SCORE
BHOPAL CLUSTER	07	203	07
BINA CLUSTER	05	84	07
DATIA CLUSTER	07	128	06
GWALIOR CLUSTER	07	236	07
INDORE CLUSTER	09	298	06
ITARSI CLUSTER	08	233	06
KHANDWA CLUSTER	06	119	06
RATLAM CLUSTER	04	112	06

MARKWISE PERFORMANCE

NUMBER OF STUDENTS SCORED 0 MARK

04 / 1513

Insights

Average
6.44 / 10 points

Median
7 / 10 points

Range
0 - 10

Total points distribution



NUMBER OF STUDENTS SCORED 01 MARK

22 / 1513

Insights

Average
6.45 / 10 points

Median
7 / 10 points

R
0 - 1

Total points distribution



NUMBER OF STUDENTS SCORED 02 MARKS

56 / 1513

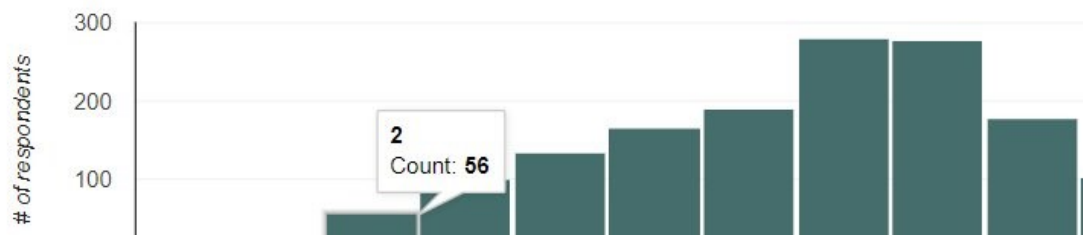
Insights

Average
6.45 / 10 points

Median
7 / 10 points

Mode
0 -

Total points distribution



NUMBER OF STUDENTS SCORED 03 MARKS

101 / 1513

Insights

Average
6.45 / 10 points

Median
7 / 10 points

Range
0 - 10

Total points distribution



NUMBER OF STUDENTS SCORED 04 MARKS

134 / 1513

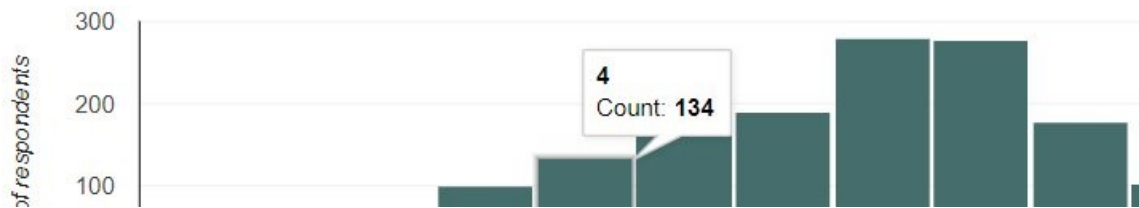
Insights

Average
6.45 / 10 points

Median
7 / 10 points

F
0 - 1

Total points distribution



NUMBER OF STUDENTS SCORED 05 MARKS

167 / 1513

Insights

Average
6.45 / 10 points

Median
7 / 10 points

Range
0 - 10

Total points distribution



NUMBER OF STUDENTS SCORED 06 MARKS

190 / 1513

Insights

Average
6.45 / 10 points

Median
7 / 10 points

R
0 - 1

Total points distribution



NUMBER OF STUDENTS SCORED 07 MARKS

280 / 1513

Insights

Average
6.45 / 10 points

Median
7 / 10 points

0 -

Total points distribution



NUMBER OF STUDENTS SCORED 08 MARKS

279 / 1513

Insights

Average
6.45 / 10 points

Median
7 / 10 points

Range
0 - 10

Total points distribution



NUMBER OF STUDENTS SCORED 09 MARKS

178 / 1513

Insights

Average
6.45 / 10 points

Median
7 / 10 points

Range
0 - 10

Total points distribution



NUMBER OF STUDENTS SCORED 10 MARKS

102 / 1513

Insights

Average
6.45 / 10 points

Median
7 / 10 points

Range
0 - 10

Total points distribution



FREQUENTLY MISSED QUESTIONS

📌 Frequently missed questions ?

Question

1. Assertion (A): When NaCl is dissolved in water there is elevation of boiling point of solution.
Reason (R): Vapour pressure of the solution form increase after addition of NaCl in water.

4. **Assertion:** When a solution is separated from the pure solvent by a semi-permeable membrane, the solvent molecules pass through it from the pure solvent side to the solution side.

QUESTIONWISE ANALYSIS

SOLUTION

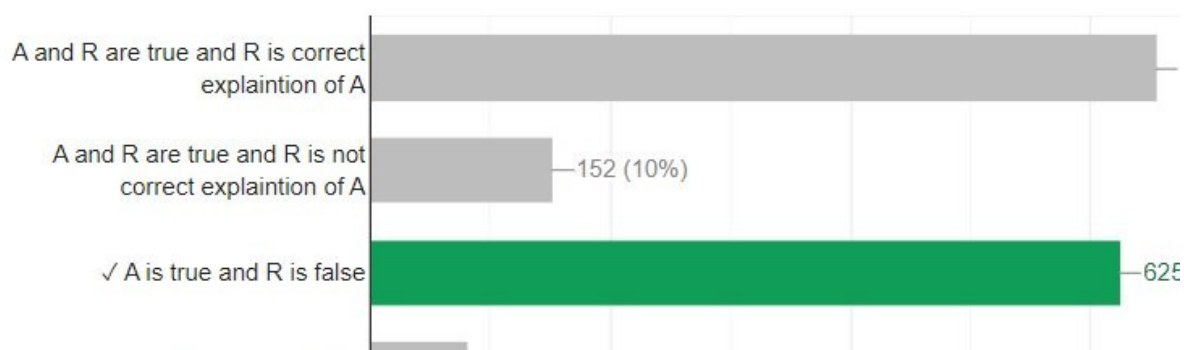
QUESTION NO 01

SOLUTION

1. Assertion (A): When NaCl is dissolved in water there is elevation of boiling point of solution.

Reason (R): Vapour pressure of the solution increases after addition of NaCl to water.

625 / 1,513 correct responses

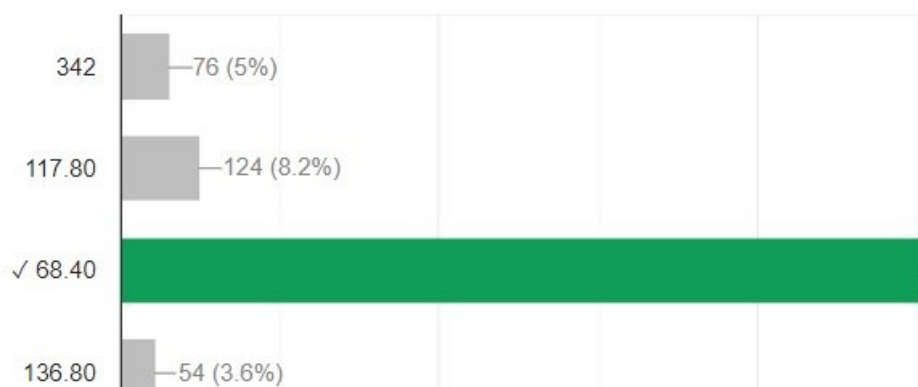


SOLUTION

QUESTION NO 02

2. A 5% solution of Cane sugar (mol. mass - 342g/ mol.) is isotonic with 1% solu of a substance X, what is the molecular mass of X.

1,259 / 1,513 correct responses

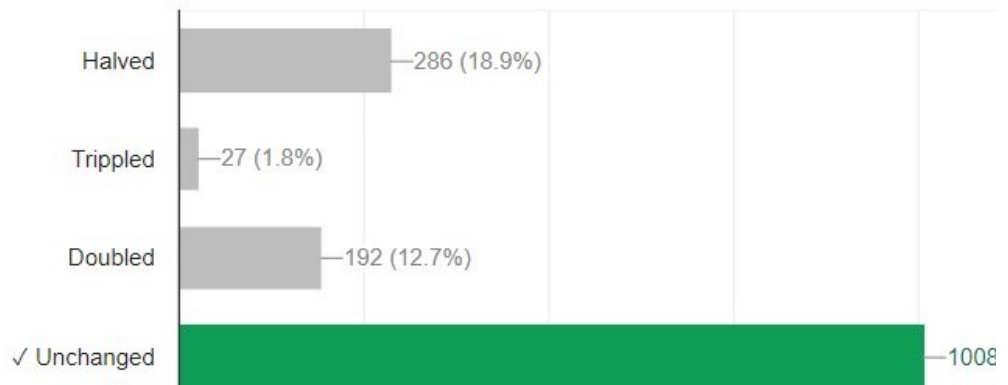


SOLUTION

QUESTION NO 03

3. If molality of the dilute solution is doubled, the value of molal depression constant (K_f) will be

1,008 / 1,513 correct responses



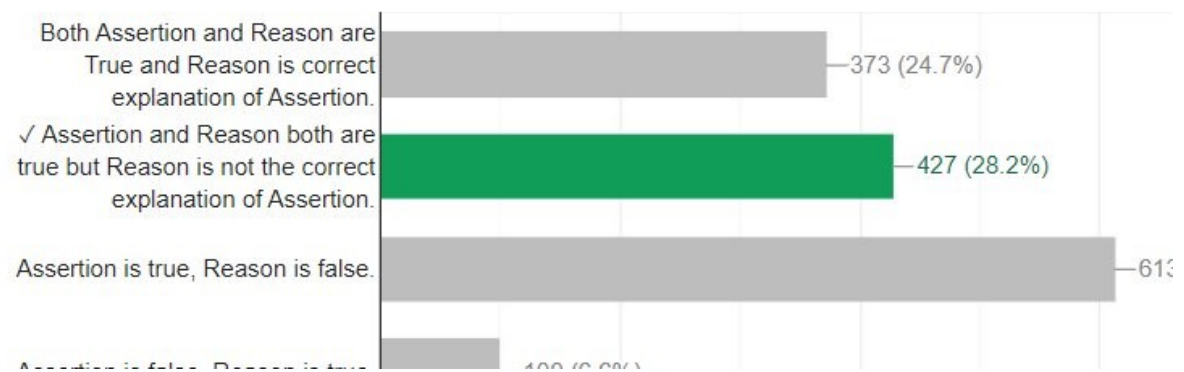
SOLUTION

QUESTION NO 04

4. **Assertion:** When a solution is separated from the pure solvent by a semi-permeable membrane, the solvent molecules pass through it from the pure solvent side to the solution side.

Reason: Diffusion of solvent occurs from a region of low concentration to a region of high concentration of solution.

427 / 1,513 correct responses

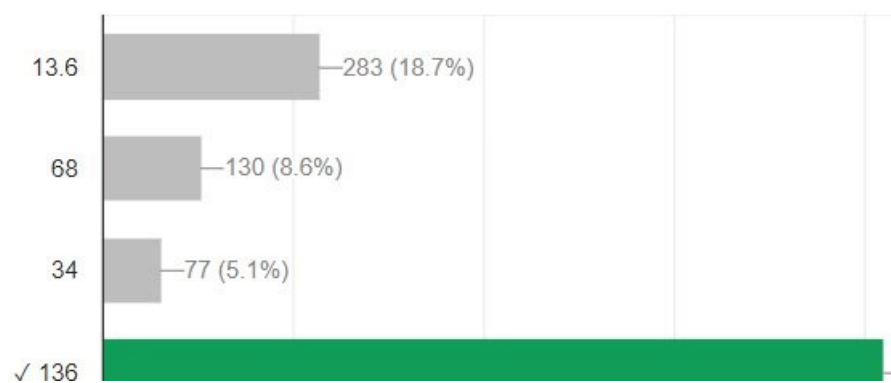


SOLUTION

QUESTION NO 05

5 The solution containing 6.8 g of non-ionic solute in 100 g of water was found to freeze at -0.93°C . If K_f for water is 1.86, the mol. mass of solute is

1,023 / 1,513 correct responses



ELECTROCHEMISTRY

QUESTION NO 01

ELECTROCHEMISTRY

1. Assertion : Λ_m for weak electrolytes shows a sharp increase when the electrolyte solution is diluted.

Reason : For weak electrolytes degree of dissociation increases with dilution of solution.

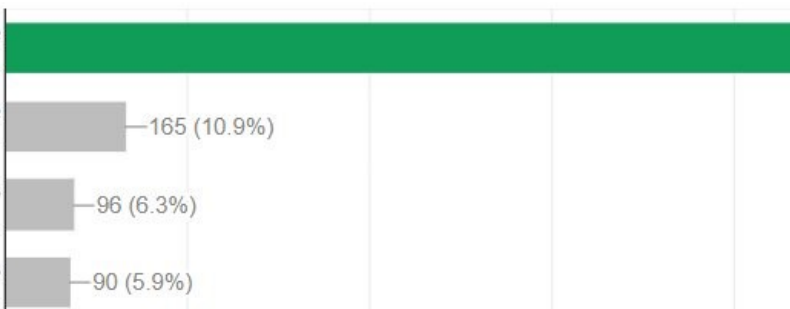
1,104 / 1,513 correct responses

✓ Both assertion and reason are true and the reason is correct e...

Both assertion and reason are true and the reason is not corre...

Assertion is true but the reason is false.

Assertion is false but reason is true.

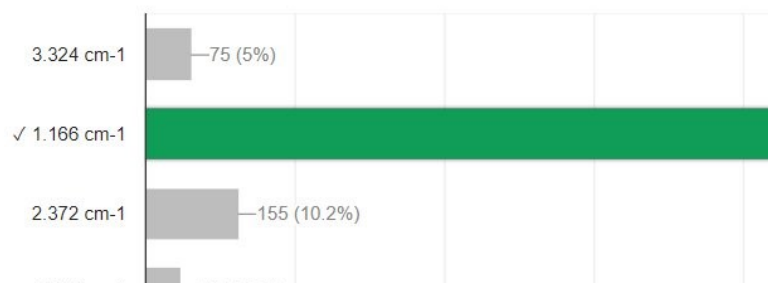


ELECTROCHEMISTRY

QUESTION NO 02

2. The specific conductivity of N/10 KCl solution at 20°C is 0.0212 ohm⁻¹ cm⁻¹ the resistance of the cell containing this solution at 20°C is 55 ohm. The cell constant is

1,226 / 1,513 correct responses

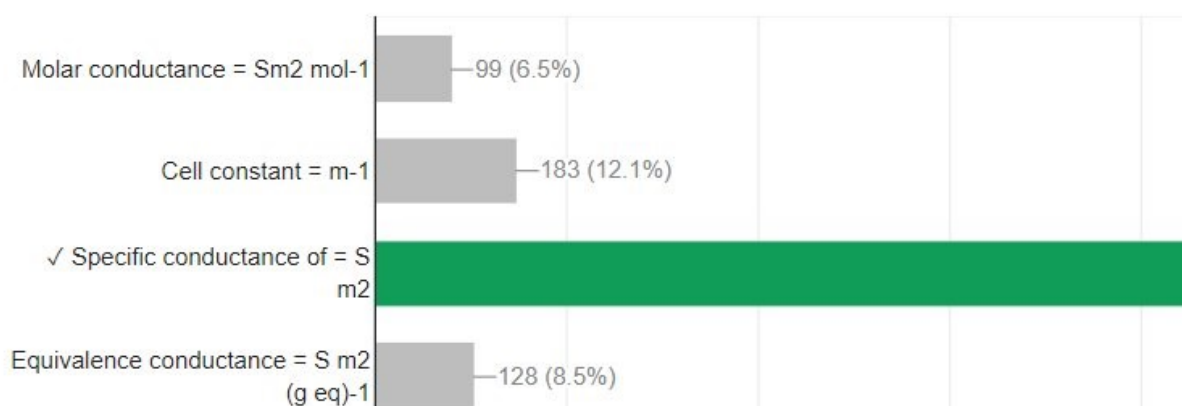


ELECTROCHEMISTRY

QUESTION NO 03

3. Units of the properties measured are given below. Which of the properties has been not matched correctly ?

1,103 / 1,513 correct responses

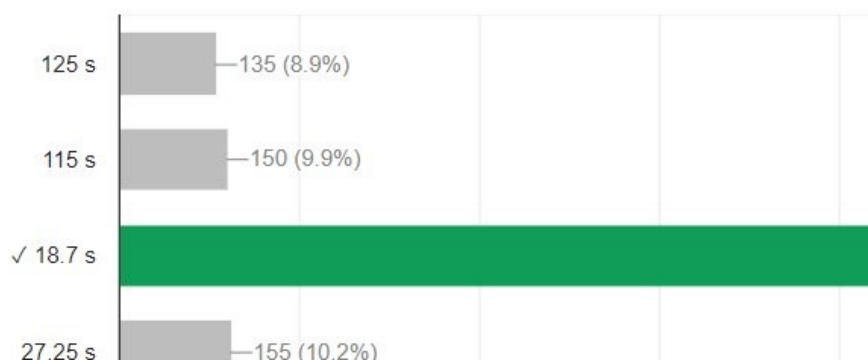


ELECTROCHEMISTRY

QUESTION NO 04

4. How much time is required to deposit 1×10^{-3} cm thick layer of silver (density 1.05 g cm^{-3}) on a surface of area 100 cm^2 by passing a current of 5 A through AgNO_3 solution ?

1,073 / 1,513 correct responses

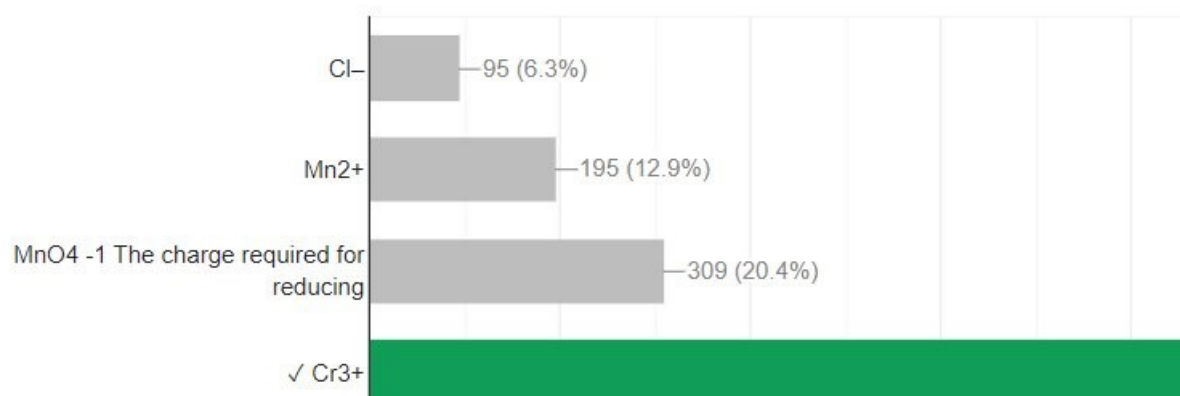


ELECTROCHEMISTRY

QUESTION NO 05

5. Use the data given below find out the strongest reducing agent.

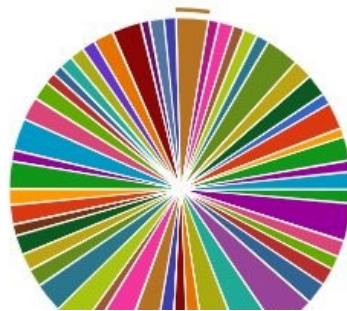
914 / 1,513 correct responses



PIE GRAPH REPRESENTING THE PARTICIPATION OF ALL SCHOOLS

NAME OF KENDRIYA VIDYALAYA

1,513 responses



- AGAR MALWA
- ALIRAJPUR
- AMBAH
- AMLA
- BAIRAGARH
- BANGRASIA
- BARWAH
- BARWANI