

TEST – 8**CH- NO. 7****CHEMISTRY****Paper : (Objective type)****(Class 9th)-2020****Time Allowed:- 15 Minutes****Maximum Marks:- 12**

Note:- Write answers to the questions on the objective answer sheet provided. Four possible answers A,B,C and D to each question are given. Which answer you consider correct, fill the circle in front of A,B,C.or D with Marker or Pen ink to each question on the answer sheet provided.

Q.1	Questions	(A)	(B)	(C)	(D)
1.	The oxidation number of oxygen in peroxide is.	0	-1	+1	-2
2.	The oxidation number of nitrogen in HNO ₃ is.	+3	+5	+8	-3
3.	The oxidation number of chlorine is potassium chlorate KClO ₃ .	+3	+4	+5	+6
4.	The oxidation number of chromium in K ₂ Cr ₂ O ₇	+2	+6	+14	+7
5.	Which is weak electrolyte?	HCl	CH ₃ COOH	NaOH	H ₂ SO ₄
6.	Pure water is an example of.	Weak electrolyte	Strong electrolyte	Strong acid	Strong base
7.	_____ is a weak electrolyte.	NaCl	Ca(OH) ₂	NaOH	H ₂ SO ₄
8.	In the redox reaction between Zn and HCl, the oxidizing agent is.	Zn	Cl-	H+	H ₂
9.	The oxidation number of oxygen in OF ₂ is.	-1	-2	+1	+2
10.	Which of the non- electrolyte.	Sugar solution	Sulphuric acid solution	Lime solution	Sodium hydroxide solution.
11.	In which cell spontaneous reaction takes place?	Electrolytic cell	Galvanic cell	Jaxon cell	Down's cell
12.	Anode of Down's cell is made of.	Steel	Copper	Zinc	Graphite

A B C D**A B C D****A B C D****A B C D****A B C D**

1	(A) (B) (C) (D)	4	(A) (B) (C) (D)	7	(A) (B) (C) (D)	10	(A) (B) (C) (D)	13	(A) (B) (C) (D)
2	(A) (B) (C) (D)	5	(A) (B) (C) (D)	8	(A) (B) (C) (D)	11	(A) (B) (C) (D)	14	(A) (B) (C) (D)
3	(A) (B) (C) (D)	6	(A) (B) (C) (D)	9	(A) (B) (C) (D)	12	(A) (B) (C) (D)	15	(A) (B) (C) (D)

نوٹ: معروضی سوال نامے کو توجہ سے پڑھیں اور ہر MCQ کی درست آپشن A, B, C, D کو پین کی سیاہی یا مارکر سے اس طرح ہڈ کریں کہ سیاہی دائرے سے باہر نہ نکلے۔ ایک سے زیادہ دائروں کو ہڈ کرنے یا کاٹ کر ہڈ کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔



علم دُنیا

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TEST NO.8

CH-NO.7

CHEMISTRY

Paper: VII (Essay Type)

(Class 9th)-2020

Time Allowed: 1:45 Hours

Maximum Marks: 48

(PART-I)

2. Write short answers to any Five (5) questions. 10

- (i) Define oxidation and give example.
- (ii) Explain oxidation with example on the basis of electron theory.
- (iii) Define reduction on the basis of electron and give example.
- (iv) What is meant by Valency? Define oxidation state.
- (v) Calculate the oxidation number of chlorine in $KClO_3$.
- (vi) Calculate the oxidation number of Nitrogen in HNO_3 .
- (vii) Define Oxidation and Redacting Agents with example.
- (viii) Define electrochemical cell, While the names of the types.

3. Write short answers to any Five (5) questions. 10

- (i) What are non-electrolytes? Give one example
- (ii) Write difference between strong and weak electrolytes.
- (iii) What are electrolytic cells?
- (iv) What are anode and cathode?
- (v) Which force drives the non-spontaneous reaction to take place?
- (vi) Distinguish between electrolytic and voltaic cell.
- (vii) What is the function of salt bridge?
- (viii) What are by-products produced in Nelson Cells?

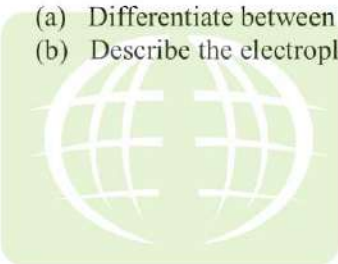
4. Write short answers to any Five (5) questions. 10

- (i) Define corrosion.
- (ii) Why O_2 is necessary for rusting?
- (iii) What is meant by Electroplating?
- (iv) How electroplating of Zinc is carried out?
- (v) Write the redox reaction taking place during the electroplating of chromium.
- (vi) Write down two properties of Galvanic cell.
- (vii) Define reduction on the basis of electron and give example.
- (viii) What is difference between Oxidation and Reduction Reaction?

(PART - I I)

Note: - Attempt any TWO questions.

5. (a) Explain oxidation and reduction in term of loss and gain of electron. 5
(b) Describe the rules for assigning the oxidation number. 4
6. (a) Difference between oxidizing agents and Reducing agents with the help of an example. 5
(b) Compare electrolytic and galvanic cell. 4
7. (a) Differentiate between electrolytes and non-electrolytes with examples. 5
(b) Describe the electroplating of chromium in detail. 4



علم كدنيا

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