

<b>Test: Chemistry</b>	<b>Class: 9<sup>th</sup></b>
<b>Time: 40 Min.</b>	<b>Max. Marks: 20</b>
<b>Name: _____</b>	<b>Date: _____</b>
	<b>Section: _____</b>

**Q. No.1. Choose the Correct Answer.****1 x 5 = 5**

- Nonspontaneous chemical reactions take place in.
  - Electrolytic cell
  - Galvanic cell
  - Nelson's cell
  - Down's cell
- The oxidation number of chromium in  $K_2Cr_2O_7$  is.
  - +2
  - +6
  - +7
  - +14
- Which one of the following is not an electrolyte?
  - Sugar solution
  - NaCl solution
  - $CuSO_4$  solution
  - None
- Which one of the following is weak electrolyte?
  - $Ca(OH)_2$  solution
  - NaOH solution
  - NaCl solution
  - None
- Oxidation number of oxygen in peroxides is.
  - 1
  - +2
  - 2
  - 3

**(SUBJECTIVE TYPE)****Q. No.2. Give Short Answers of the following questions.****2 x 5 = 10**

- Define spontaneous and non spontaneous reaction.
- Define oxidation and reduction. Give examples.
- What is oxidizing agent. Give example.
- What is oxidation number of sulphur in  $H_2SO_4$ ?
- Define strong electrolytes. Give examples.

**Q. No.3. Describe the rules for assigning oxidation state.****5****StudyNowPK.COM Academy**

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**Q. No.1. Choose the Correct Answer.****1 x 5 = 5**

- Oxidation number of oxygen in  $OF_2$  is.
  - 1
  - +2
  - 2
  - 3
- Which one of the following is not an electrolyte?
  - Sugar solution
  - NaCl solution
  - $CuSO_4$  solution
  - None
- Which one of the following is weak electrolyte?
  - $Ca(OH)_2$  solution
  - NaOH solution
  - NaCl solution
  - None
- The oxidation number of chromium in  $K_2Cr_2O_7$  is.
  - +2
  - +6
  - +7
  - +14
- Spontaneous chemical reactions take place in.
  - Electrolytic cell
  - Galvanic cell
  - Nelson's cell
  - Down's cell

**(SUBJECTIVE TYPE)****Q. No.2. Give Short Answers of the following questions.****2 x 5 = 10**

- Define electrolytic cell. Give examples.
- Define oxidation and reduction in term of electron. Give examples.
- Define spontaneous and non spontaneous reaction.
- What is oxidation number of nitrogen in  $HNO_3$ ?
- What is reducing agent. Give example.

**Q. No.3. Explain the electrolysis of water.****5**