

Name. _____ Roll No. _____ Section. _____

Q. No. 1 Choose the correct answer. (6)

- i. Stain less steel is combination of _____
(a) Fe+ Cr (b) Cr +Ni (c) Fe+Cr+Ni (d) Ni +Fe
- ii. formation of water is _____
(a) reduction (b) oxidation (c) decomposition (d) redox
- iii. reducing agents are _____
(a) metals (b) nonmetals (c) metalloids (d) molecule
- iv. sum of oxidation no. in a neutral molecule is _____
(a) zero (b) +1 (c) +3 (d) +6
- v. Which is weak electrolyte.
(a) NaCl (b) NaOH (c) H₂SO₄ (d) CH₃COOH
- vi. which cell is used to manufacture Na metal.
(a) Danial cell (b) Nelson cell (c) Downs cell (d) none

Q. No. 2. Give the Short answer. (10×2=20)

- i. Find oxidation no. Of Nitrogen in Nitric acid.
- ii. How is tin electroplated.
- iii. . What are non electrolytes.
- iv. Compare electrical and galvanic cell.
- v. What are oxidizing agents
- vi. Write use of electroplating of silver
- vii. Write principle of electroplating.
- viii. What is the advantages of galvanizing.
- ix. Write two method from prevention of corrosion.
- x. Compare valency and oxidation no.

Q. No. 3. Long Question. (4)

Write a note on Nelson cell

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