Quadrant IV - Assessment (Module-wise)

Programme: Bachelor of Science (Second Year)

Subject: Industrial Chemistry

Paper Code: CHC153

Paper title: General Industrial Chemistry

Unit: III Metals and Alloys (Section A)

Module Name: Ferrous Alloys and their applications (w. r. t. Steel)

Module Number: 5

Name of the presenter: Dr. S. D. Gokakakar

Multiple Choice Questions (MCQ)

1. Steel is an alloy of iron and

a) nickel b) carbon c) platinum d) tungsten

2. Purpose of alloying steels are

a) To decrease corrosion resistance

b) To increase corrosion resistance

c) To maintain corrosion

d) None of the above

Fill in the Blanks

1. In Silicon steel, Silicon imparts strength, fatigue resistance and improves ---------- properties of steel.

2. Chrome nickel has following composition ---------- of elements.

Short Answer-II (In 50 to 100 words)

1. Discuss the different types of stainless steels.
2. Give the applications of Chrome-Molybdenum steel.

Numerical/Problems to solve: (not expected)

Self reflection – introduction of steel has subsided the use other of ferrous alloys.

*****