

**INDIAN STATISTICAL INSTITUTE
SQC & OR Unit, Hyderabad**

**MS in Quality Management Science: 2014-16
III SEMESTER: MID-TERM EXAMINATION**

Subject: Supply Chain Management

Date: 29 August 2015

Duration: 2 hours

Max. Marks: 50

Answer all the questions. Each question carries 10 marks.

1. Describe the three decision phases in a supply chain and their significance.
2. Consider the supply chain involved when a customer buys a book at a book store.
Identify the cycles in this supply chain and the location of the push/pull boundary.
3. Illustrate with an example how a company achieves strategic fit between its supply chain strategy and its competitive strategy.
4. Explain the major obstacles of successfully managing a SC.
5. a) List the six-step basic approach that helps an organization in effective forecasting.
b) Explain any two of the aggregate planning strategies.
