



Course Title: Operations Management

Course Code:

Total Marks: 50

Instructor: Azmat Ali Shah

Examination: Final (Summer-2020)

Duration: 4 hours

Attempt All Questions.

- Q:-1** Describe Supply Chain and Value Chain. Discuss in detail how information technology is enhancing supply chain management in current era. (12)
- Q:-2** Discuss Critical Path Method (CPM) and Project Evaluation and Review Technique (PERT). Explain Your answer with general examples. (13)
- Q:-3** Define Inventory and Inventory Management. Discuss types of inventories. Describe importance of Inventory Management in Business. (12)
- Q:-4** Paul R. Kleindorfer, Kalyan Singhal and Luk N. Van Wassenhove have analysed issues of Sustainability in their Article “*Sustainable Operations Management*” by assessing previous researches [Lecture 16]. They have stated that during the past 20 years, there has been growing pressure on businesses to pay more attention to the environmental and resource consequences of the products and services they offer and the processes they deploy. **What is your personal understanding of Sustainability in Operations Management. Also describe your opinion about how Operations can be managed to achieve Sustainable Development.** (13)