**Operations Management**

**September 2022 Examination**

**Q1. What are various decision criteria for deciding a location for a business setup? Explain these decision criteria with reference to a location decision for setting up a textile manufacturing plant. (10 Marks)**

**Ans 1.**

**Introduction:**

**Location decision:** For setting up a corporation, one wishes proper vicinity to open the plant for production. Deciding the location of a business is a vital factor of facility planning as it affects the cost, achievement, and profitability of a corporation. Searching out a place for the business is a critical selection and needs to be taken with keen attention. Consequently, vicinity choice means finding an excellent region for installing a plant or facility for manufacturing goods or services. Other names for place decisions are web page location and Facility location. Usually, Its sample only

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**Q2. Define and explain the term ‘Operations Management’. Explain the role of Operations Managers in their interface with other functions in an organization. Give relevant examples from a Retail Store Operation. (10 Marks)**

**Ans 2.**

**Introduction:**

Operation management: an area of control through which an employer can oversee, design, and control the production system and redesign business operations inside the manufacturing of goods or offerings is known as operations control. In other words, operations management directs and controls the process of a company that facilitates reworking the firm's inputs into services and products. As each business pastime of an employer consists of a system, operations management is determined in all functional areas. The five operation management selections for

**Q3. Many business organizations have operations in which inventory management is a daily and constant process. Managing a production setup (say an automobile manufacturing or service shop) is one such business, wherein the procurement and managing various inventory is a very strategic process. Explain the following concepts (with atleast one example) in the Operations of the business, and conclude how relevant is it in the business?**

**a. Economic Ordered Quantity (EOQ) (5 Marks)**

**Ans 3a.**

**Introduction:**

**Economic order quantity (EOQ):** Every organization that purchases and holds stock has to area orders in the amount that suits first-rate in line with their wishes. Having too massive orders and too much fewer orders, each isn't an item for a business, as the former results in high storage costs, and the latter does now not allow the firm to satisfy a customer’s desires. To remedy such

**b. Define Quality and list and discuss in brief the various dimensions of quality in operations (5 Marks)**

**Ans 3b.**

**Introduction:**

**Quality:** The definition of quality changes with the perspective of the individual explaining it. In terms of operations control, an excellent method is the degree of excellence of a product or service. A quality product or service fulfills the expectations of the customers. Each