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BSCS-4th Year

1. **What is the relationship between change and innovation?**

**2. What is innovation management process?**

-A systematic approach for generating, prioritizing, evaluating and validating new ideas, as well as putting them into practice.

**3. Compare and Contrast Innovation from Invention?**

**-** Invention can be defined as the creation of a product or introduction of a process for the first time while Innovation occurs if someone improves on or makes a significant contribution to an existing product, process or service.

**4. How do you management of Innovation in the following areas?**

**a. Engineering**

­-Innovation Management specify an approach that anyone can use to better architect, design, and more effectively build things that are technically novel, useful, and valuable. And further, the goal is to be able to do this efficiently, on-time, and repeatably in the field of engineering.

**b. Science**

­­-Innovation Management occurs at the intersection of invention and insight; it's about application of invention -Council on Competitiveness. Knowledge applied to tasks that are new and different

**c. Management disciplines**

­-As a pure discipline, is the management of the process from cradle to grave. You go from observing a need to coming up with an idea, developing prototypes, and proving your theories. These lead to shifts in design and development, manufacturing, production, marketing, even in refining the business model.

**5. Cite 2 (two) Need/Objectives of Innovation Management and how it is applied to the IT-Industry.**

-**Improved products and services to stand out from the competition.**

- Quality is one of the most important factors in developing a product. Aiming to make a product last at least 30x longer than existing product in the market can be a huge advantage to the business.

-**Improvement of internal processes in order to strengthen the company from within or to save costs.**

**-**As a computer science student, we only provide the best algorithm for a certain process. These trait can help a lot of companies to increase their production, save cost and be able to compete with larger companies.