



MANAV RACHNA UNIVERSITY, FARIDABAD

Department of Computer Science And Technology

Course: B.Tech CSE

Semester: IV

Session: 2020-21

Subject: Software Engineering (CSH207B-T&P)

Tutorial- 1

Learning outcome: The students would be able to understand the basic concepts of a project.

Section A

1. Software is

- (a) Superset of programs
- (b) subset of programs
- (c) Set of programs
- (d) none of the above

2. Product is

- (a) Deliverables
- (b) User expectations
- (c) Organization's effort in development
- (d) none of the above

3. To produce a good quality product, process should be

- (a) Complex
- (b) Efficient
- (c) Rigorous
- (d) none of the above

4. UML stands for

- (a) Uniform modeling language
- (b) Unified modeling language
- (c) Unit modeling language
- (d) Universal modeling language

5. Program is

- (a) subset of software
- (b) super set of software
- (c) software
- (d) none of the above



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Section B

Q1. What is Software?

Q2. Discuss the importance of Software Engineering.

Q3. **Objective:** To identify the role of software in today's world across a few significant domains

Background: Software has made the world a global village today. The impact of software spans across almost all aspects of human life. All organizations, institutions and companies are leveraging the potential of software in automating the critical functions and eliminating laborious manual interventions. Software is also a pre dominant area trade and export especially for the countries like India. Domains like health care, airlines, financial services, insurance, retail, education, and many more have exploited software and still there is lot of scope for software to create impact and add value in multiple dimensions.

Problem description: In the context of this background

Identify the areas (or applications or systems) how software has been leveraged extensively in the following domains

a. Health Care
d. Insurance

b. Airlines
e. Retail

c. Banking
f. Education