

Q.N 2:

What are the seven distinct tasks of requirement engineering? Explain them:

Ans: Requirement engineering is an investigation and identification of the problem domain and requirements. It is necessary because it provides the success for the foundation.

Here are the tasks of requirement engineering.

1. The problem domain

This is one of the main tasks which includes; the employees, roles, job responsibilities. The current stock control system is also included with it.

2. The solution System

It will finally be built to rectify the problem within the problem domain. It is one of the interface of system specification.

3. Analysis:

It is predicted the possible occurrence with the problem that exists within it. It provides the entire supports for further process.

4. Specification:

It concerns the mutual interaction between the system solution and problem.

5. Design:

It is actually not a part of requirement engineering but it concerns the internal working mechanism of the solution.

6. Requirements: It is concerned with the user's wishes.

It has two major components:

- i. Functional requirements

The major or main feature of the system is considered as the functional requirements.

For example: Admission or registration is functional requirement for school/college management system.

- ii. Nonfunctional requirements

It is concerned with the performance, reliability, versatility, speed, design constraints etc.