

Reading Comprehension

Passage 13

This sample text has been prepared for the Master of Electrical Engineering entrance exam by Alpha Consulting Group.

As software is always of a large system (or business), work begins by establishing the requirements for all system elements and then allocating some subset of these requirements to software. This system view is essential when the software must interface with other elements such as hardware, people and other resources. System is the basic and very critical requirement for the existence of software in any entity. So if the system is not in place, the system should be engineered and put in place. In some cases, to extract the maximum output, the system should be re-engineered and spruced up. Once the ideal system is engineered or tuned, the development team studies the software requirement for the system. This process is also known as feasibility study. In this phase, the development team visits the customer and studies their system.

They investigate the need for possible software automation in the given system. By the end of the feasibility study, the team furnishes a document that holds the different specific recommendations for the candidate system. It also includes the personnel assignments, costs, project schedule, target dates etc. The requirement gathering process is intensified and focused specially on software. To understand the nature of the program(s) to be built, the system engineer or "Analyst" must understand the information domain for the software, as well as required function, behavior, performance and interfacing. The essential purpose of this phase is to find the need and to define the problem that needs to be solved.

Questions

1. From the text it is understood that as long as the software must interface with other elements:

- 1) System is the basic and critical requirement for any entity.**
- 2) The system is not in place.**
- 3) The system should be engineered.**
- 4) The ideal system is engineered.**

2. The author claims that by the end of the feasibility study:

- 1) The requirement gathering process is intensified and focused specially on software.**
- 2) The development team studies the software requirement for the system.**
- 3) The development team visits the customer.**
- 4) The team furnishes a document.**

3. What is the main idea behind the second paragraph:

- 1) possible software automation.**
- 2) Software Requirement Analysis.**
- 3) The personnel assignments.**
- 4) performance and interfacing.**

4. The term "furnish" as used by the text means:

- 1) supply 2) Shame 3) Unworthy 4) Weakness**

5. The author claims that the system Analyst:

- 1) Should define the problem that needs to be solved.**
- 2) is the main provider of new information age.**
- 3) Should understand the information domain for the software.**
- 4) Is able to make a project schedule.**

Answers

1 ==> 1

2 ==> 1

3 ==> 2

4 ==> 1

5 ==> 3