**SOFTWARE ENGINEERING**

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**Section: B**

**1.** Considering your selected project in the lab work, please describe which one/two agile method is the most suitable for you project development task?

**Answer:**

My selected project is Donation Funding. The suitable agile method will be scrum method. It used in the development of Software based on an iterative and incremental processes. It’s adaptable, fast, flexible and effective agile framework that is designed to deliver value to the customer throughout the development of the project. It has three phase (a) Pre phase (b) Development and (c) Post game.

**2.** Describe in which way you can reduce the gap between software actual failure curve and idealized curve?

**Answer:** For actual failure curve failure rate need to reduce because side effect will increase the failure rate. For idealized curve error must be prevent from the very beginning. If error reduce then the chances of failure will be reduced then the gap between actual curve and idealized curve will also reduce.

**3.** Considering your selected project in the lab work, please describe the necessity and process of domain analysis in software requirements analysis.

**Answer:**

From my selected project which is Donation Funding the necessity of domain analysis is to gain a clear goal of the development process at the start of the project. This includes an early identification of risk areas and a chance to modify the process, methods, and tools.

**Process:**

(a)Need to define the domain to be investigated.

(b)Collect a representative sample of applications in the domain from use case diagram.

(c)Analyze each application in the sample or from activity diagram.

(d)Develop an analysis model for the objects of our project.

**MCQ**

1. How many phases exist in software requirement engineering?

**Answer:** 7.

2. How many software development process models has been covered in this course?

**Answer:** 8.

3. Which software development process model is considered as object-oriented model? **Answer:** Component based development model.

4. Write down one feature of Microsoft Teams according to FDD feature template that is not yet available in the current version of the product.

**Answer: Blocking.**

5. What is the average project delivery time of DSDM?

**Answer:** 4-6 months.

6. “The scope is reduced to fit the iteration length” – which method supports this principle? **Answer: V.**

7. How many agile methods has been covered in this course?

**Answer: 8.**

8. Which method is inspired by the Bank loan automation system?

**Answer:** Waterfall.

9. Which phase in SCRUM is used as the input of the development phase of a software? **Answer:** Initiate.

10. Mandated Initiate.code inspection is the part of the which method?

**Answer:** Static.