VR17 Reg. No: ☐☐☐☐☐☐☐☐☐☐☐

VELAGAPUDI RAMAKRISHNA

SIDDHARTHA ENGINEERING COLLEGE
(AUTONOMOUS)

III/IV B.Tech. DEGREE EXAMINATION, OCTOBER, 2020

Sixth Semester

INFORMATION TECHNOLOGY

17IT4603D AGILE SOFTWARE DEVELOPMENT

Time: 3hours   *Max. Marks: 70*

Part-A is compulsory

Answer One Question from each Unit of Part-B

Answer to any single question or its part shall be written at one place only

PART-A

10 x 1 = 10M

1. a. What is for agile?

    b. How do you define customer feedback?

    c. What is UCD approach?

    d. Define project description.

    e. List the measures that can be used for time management in software projects.

    f. How are measures taken in software projects?

    g. List out the measurement activities.

    h. What is an abstraction?

    i. List roles in agile teams.

    j. Define diversity.

PART-B

4 x 15 = 60M

UNIT-I

2. a. In what ways does agile software development differ from other software development approaches?   **8M**

    b. Discuss about dilemmas in teamwork.   **7M**

(or)

3. a. What is agile manifesto? Explain.   **7M**

    b. What are the applications of agile software development?   **8M**

UNIT-II

4. a. Explain the role of customer in agile software engineering.   **7M**

    b. Discuss about teaching and learning principles in learning environments.   **8M**

(or)

5. a. Discuss about time-related issues in software projects.   **8M**

    b. Discuss about prioritizing development tasks.   **7M**

UNIT-III

6. a. Discuss in detail about test driven development.   **10M**

    b. Write a short note on the need of measures.   **5M**

(or)

7. Explain in detail about process quality and product quality with an example case study.   **15M**

UNIT-IV

8. Describe how agile software development support learning process?   **15M**

(or)

9. a. Describe abstraction levels in agile software development.   **7M**

    b. How is trust expressed in a teamwork? Explain.   **8M**

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