

[Nov-23]

GITAM (Deemed to be University)
[19ECS451]

B.Tech. Degree Examination
(Computer Science & Engineering)

VII SEMESTER

AGILE SOFTWARE DEVELOPMENT

(Effective from the admitted batch 2019–20)

Time: 3 Hours

Max.Marks: 60

Instructions: All parts of the unit must be answered in one place only.

Section-A

1. Answer all Questions:

(10×2=20)

- a) Write any two demerits of Waterfall model over Agile
- b) When is the best time to conduct acceptance testing?
- c) Give two examples for 'refactoring'.
- d) Discuss the phases of XP life cycle.
- e) How to represent association and inheritance in eclipse Omondo plugin?
- f) How do you refactor a model in XP?
- g) What is a product increment?
- h) What do you know about Scrum-ban?
- i) List some architectural myths.
- j) How to estimate the cost of a feature?

Section-B

Answer the following:

(5×8=40)

UNIT-I

2. Explain about agile manifesto, agile values in detail.

OR

3. Discuss about agile methods and compare traditional and agile methodologies.

UNIT-II

4. Discriminate the collective ownership and continuous integration processes in XP implementation.

OR

5. Hypothesize the concepts of refactoring and pair programming in XP.

UNIT-III

6. Is XP modelling be treated as 'no role play' in project releases? Explain in your own words.

OR

7. Do the agile Modeling practices add any value to the XP practices? Explain.

UNIT-IV

8. What are the best practices to be implemented for agile scrum team velocity? Explain.

OR

9. What is the importance of product backlog? Who is the responsible team members involved in monitoring product backlog releases? Explain.

UNIT-V

10. Compare and contrast FDD and XP.

OR

11. Write about unit test and integration tests with examples.