

No. of Printed Pages : 04

Following Paper ID and Roll No. to be filled in your Answer Book.

**Roll
No.**

/ P. T. O.

(f) What is an epic, user stories and task?

(g) What is the agile metrics?

(h) What is Docker?

SECTION – B

2. Attempt any two parts of the following : $2 \times 6 = 12$

(a) Explain the difference between the traditional waterfall model and agile testing with appropriate examples.

(b) Discuss agile methodologies and how they differ from modern software development practices. Explain in brief.

(c) Discuss feature-driven development (FDD). What are its key activities? Provide a detailed explanation?

(d) What are impediments in scrum? Provide examples of common impediments. Also, explain the differences between agile and scrum.

SECTION - C

Note:- Attempt all questions. Attempt any two parts from each question. $8 \times 5 = 40$

3. (a) What is Agile? Explain agile software development in detail.
(b) Describe Agile business analysis in detail.
(c) Discuss Agile project management in detail.
4. (a) Discuss crystal. What are its methodologies?
(b) Discuss eXtreme. Explain eXtreme programming phase in brief.
(c) How eXtreme different from scrum? Explain in detail.
5. (a) Explain the requirement of agility on knowledge in detail.
(b) What is agile information system? Explain in detail.
(c) What are the challenges of migrating to agile methodologies? Explain in detail.

[P. T. O.]

6. (a) Explain the term sprint burndown chart and defect density.
- (b) Explain the term Docker, Git ^{and} ~~and~~ other automation tools in brief.
- (c) Discuss Agile approach in Global development with example.
