Reg. No. :

Question Paper Code: 49804

B.E./B.Tech. DEGREE EXAMINATION, SEP 2020

Elective

Information Technology

14UIT904 AGILE SOFTWARE DEVELOPMENT

(Common to Computer Science and Engineering)

(Regulation 2014)

Duration: One hour   Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following Questions)

1. Which one of the following is not an agile method?   CO1- R

    (a) XP   (b) 4GT   (c) AUP   (d) All of the mentioned

2. The tool version control supports the_____   CO1- R

    (a) Refactoring   (b)Test Driven Development

    (c) Continuous Integration   (d) None of the above

3. The team meets daily for ...... minutes, where each member of the   CO2- R
    team discusses the work they've completed since the last meeting

    (a) 10   (b) 12   (c) 15   (d) 20

4. Who is responsible for prioritizing the product backlog   CO2- R

    (a) Tester   (b) Developer   (c) Product Manager   (d) Product Owner

5. Before a tester begins the process of exploratory testing, find what   CO3- R
    tool should have in place to give him an idea of find what to explore
    in the systems and find what kind of things to look for

    (a) A Bug List   (b) A Roadmap   (c) A Defect Document   (d) A Charter

6. Who will test the system in agile development?   CO3- R

    (a) software tester   (b) Developer

    (c) Business Analyst   (d) All the above

7. Find which of the following is not part of the Manifesto for Agile   CO4- R
   Software Development

   (a) Working software over comprehensive documentation

   (b) Teams and interactions over processes and tools

   (c) Responding to change over following a plan

   (d) Customer collaboration over contract negotiation

8. The recommended approach to design in an agile project is   CO4- R

   (a) Just enough design up front   (b) No design up front

   (c) Use a previous design   (d) Big design up front

9. The team meets daily for _____minutes, where each member of the   CO5- R
   team discusses the work they've completed since the last meeting

   (a) 10   (b) 12   (c) 15   (d) 20

10. The working culture of an Agile team is   CO5- R

    (a) Collaborative   (b) Contemplative   (c) Collective   (d) Connective

PART – B (3 x 8 = 24 Marks)

(Answer any three of the following Questions)

11. Define Lean software development and explain its principles   CO1-U   (8)

12. Explain in detail about SCRUM Framework   CO2-U   (8)

13. Explain in detail about Test Automation in Agile.   CO3- U   (8)

14. Explain in detail about Version Control   CO4-U   (8)

15. Apply Agile Development Process in Cloud.   CO5- Ana   (8)

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