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**PRESIDENCY UNIVERSITY
BENGALURU**

SET A

**SCHOOL OF ENGINEERING
END TERM EXAMINATION - JAN 2024**

Semester : Semester V - 2021

Course Code : CSE3040

Course Name : Agile Structures and Frame Works

Program : B.Tech.

Date : 09-JAN-2024

Time : 9:30AM - 12:30 PM

Max Marks : 100

Weightage : 50%

Instructions:

(i) Read all questions carefully and answer accordingly.

(ii) Question paper consists of 3 parts.

(iii) Scientific and non-programmable calculator are permitted.

(iv) Do not write any information on the question paper other than Roll Number.

PART A

ANSWER ALL THE QUESTIONS

5 X 2M = 10M

1. List the agile principle values
(CO1) [Knowledge]
2. Mention ways to estimate size of a project with respect to story points.
(CO1) [Knowledge]
3. List any two advantages of using adaptive planning in Agile projects.
(CO2) [Knowledge]
4. Name two key practices associated with Extreme Programming.
(CO3) [Knowledge]
5. Mention two key principles guiding Agile product development.
(CO4) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

5 X 10M = 50M

6. Compare agile and traditional processes with architecture.
(CO1) [Comprehension]

7. Explain the adaptive planning in agile methodology. (CO2) [Comprehension]
8. Classify the advantages or positive results observed in a specific case study scenario following the adoption of Agile methodologies like Extreme Programming. (CO3) [Comprehension]
9. Explain the significance of the Cycle Time metric in Agile development and how it helps in optimising team performance and delivery. (CO4) [Comprehension]
10. Explain the iterative nature of agile product development and how it contributes to product success and provide examples. (CO4) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS

2 X 20M = 40M

11. Mention two benefits of using extreme programming in software development. (CO3) [Application]
12. Describe how you will use any two popular Agile project management tools in terms of features and suitability for different team sizes and project types. (CO4) [Application]