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**PRESIDENCY UNIVERSITY  
BENGALURU**

**SCHOOL OF ENGINEERING  
MID TERM EXAMINATION - OCT 2023**

**Semester :** Semester V - 2021

**Course Code :** CSE3040

**Course Name :** Sem V - CSE3040 - Agile Structures and Frame Works

**Program :** B. TECH

**Date :** 31-OCT-2023

**Time :** 11:30AM - 1:00PM

**Max Marks :** 50

**Weightage :** 25%

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**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.
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**PART A**

**ANSWER ALL THE QUESTIONS**

**(5 X 2 = 10M)**

1. Explain, team work, interaction with client are interrelated part of the Agile Manifesto?  
(CO1) [Knowledge]
2. Suppose all of the user stories are estimated and the sum of those estimates is 100 story points. What is duration of project if they followed two week iteration and if team's velocity is 10 story points  
(CO1) [Knowledge]
3. What are the disadvantages of agile process  
(CO1) [Knowledge]
4. Describe the approaches for estimating the story points  
(CO2) [Knowledge]
5. Define adaptive planning  
(CO2) [Knowledge]

**PART B**

**ANSWER ALL THE QUESTIONS**

**(4 X 5 = 20M)**

6. Explain the characteristics of agile versus traditional process  
(CO1) [Comprehension]
7. Examine the key motivation for iterative development  
(CO1) [Comprehension]
8. Select the significance of release planning game  
(CO2) [Comprehension]

9. Classify the difference between sprint back log, iteration planning and adaptive planning  
(CO2) [Comprehension]

**PART C**

**ANSWER THE FOLLOWING QUESTION**

**(1 X 20 = 20M)**

10. Explain Scrum Methodology in detail and significance of agile story.  
(CO2) [Application]