JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- APRIL 2018

B.Tech. VIII & M.Tech. II Semester

COURSE CODE: 10M11CI213   MAX. MARKS: 25

COURSE NAME: AdvancedSoftware Engineering

COURSE CREDITS: 03   MAX. TIME: One & Half Hour

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

1. a) Explain how an incremental, iterative development process leads to faster delivery of more useful software?

    b) Explain the role of prototyping in the software process?   **[2.5*2=5 MARKS]**

2. What is agile software development? Explain the principles of agile methodology. Further explain any two process models of agile.   **[5 Marks]**

3. Explain the following terms: **[1*5=5 MARKS]**
    a) Stakeholder concern
    b) Extreme programming
    c) Feature driven development
    d) Scrum
    e) Cross-cutting concern

4. a) What is AOSD? Explain AOSD process and its designing model? **[2.5*2=5 MARKS]**

    b) Explain in detail the planning and cycle implementation of XP?

5. a) What is an aspect and concerns in Aspect Oriented Software Development? List and describe five types of stakeholder's concern?

    b) What is the distinction between a join point and point cut? Explain with suitable example?   **[2.5*2=5 MARKS]**