Exam. Code: 0925
Sub. Code: 6864

1129

B.E. (Information Technology)
Seventh Semester
ITE-742: Agile Software Development

Time allowed: 3 Hours   **Max. Marks: 50**

NOTE: *Attempt* <u>*five*</u> *questions in all, including Question No. I which is compulsory and selecting two questions from each Unit.*

x-x-x

I. Attempt the following:-

     a) Write advantages and disadvantages of agile.

     b) What are the three pillars of scrum?

     c) What is software rotting?

     d) What is minimum viable product (MVP)?

     e) Define system testing.   (5x2)

UNIT – I

II. Explain agile project management tools in detail.   (10)

III. Explain principle, key features, challenges and advantages of agile.   (10)

IV. a) What are the three artifacts of scrum?

     b) Explain risk based testing and exploratory testing.   (2x5)

UNIT – II

V. Explain in detail about agile testing quadrants with diagram.   (10)

VI. Explain single responsibility principle and Liskov substitution.   (10)

VII. a) How we scale and govern agile projects in an enterprise?

     b) Explain principle and practices of extreme programming   (2x5)

x-x-x