

Question Paper



MANIPAL UNIVERSITY

SCHOOL OF INFORMATION SCIENCES
SECOND SEMESTER Master of Engineering - ME (EMBEDDED SYSTEMS)
DEGREE EXAMINATION - NOVEMBER 2017
DATE : Friday, November 17, 2017
TIME : 10:00AM - 1:00PM
Embedded Software Design [ESD 614]

Marks: 100

Duration: 180 mins.

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Answer all the questions.

Answer all questions. Every question carries 10 marks

- 1) Briefly explain conditional operators in Java with suitable example (10)
- 2) Briefly explain Polymorphism with suitable example (10)
- 3) With an example explain following keywords in java (2.5 * 4 = 10 marks) (10)
 - a. Abstract
 - b. final
 - c. static
 - d. super
- 4) Briefly explain Inheritance in Java with suitable example (10)
- 5) Briefly explain Data hiding in Java with suitable example (10)
- 6) List and explain UML Relationships building block with suitable example (10)
- 7) Explain the following with suitable examples (10)
 - a. Structural Diagrams
 - b. Behavioral Diagrams
- 8) Briefly explain UML Object diagram with suitable example (10)
- 9) Briefly explain UML Activity diagram with suitable examples (10)
- 10) Briefly explain UML Component diagram with suitable example (10)

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