

Question Paper



MANIPAL UNIVERSITY

SCHOOL OF INFORMATION SCIENCES

FIRST SEMESTER MASTER OF ENGINEERING - ME (Embedded Systems and Instrumentation)

DEGREE EXAMINATION - NOVEMBER 2017

DATE : Monday, November 20, 2017

TIME : 10:00AM - 1:00PM

Advanced Programming Techniques [ESI 617.2]

Marks: 100

Duration: 180 mins.

ELECTIVE 2

Answer all the questions.

- 1) Explain concept of classes and objects (10)
- 2) Explain flow of control and control flow statements in C++ (10)
- 3) Brief about variables and identifiers with an example (10)
- 4) What is function overloading? Explain inline function (10)
- 5) Explain exception handling in C++ (10)
- 6) Explain basic program structure in Java (10)
- 7) What are the different operators used in Java (10)
- 8) Explain polymorphism via interface (10)
- 9) Explain concept of Package with access control (10)
- 10) With an example explain following keywords in java (10)
(5 X 2 MARKS)
(A) super
(B) final

-----End-----