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9/12/14 AN

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Question Paper Code : 45897

5 Year M.Sc. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2014.

Sixth Semester

Software Engineering

XCS 364/10677 SW 603 — INTERNET PROGRAMMING

(Common to 5 Year M.Sc. Information Technology and M.Sc. Computer Technology)

(Regulation 2003/2010)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Name any four Features of Java.
2. Distinguish between Java and C++.
3. List out the types of Constructors.
4. Define Vectors.
5. What is Inheritance?
6. How will you add a Class to a Package?
7. What is Multithreading?
8. Define Streams.
9. Mention the merits of Applets.
10. How can parameters be passed to Applets?

PART B — (5 × 16 = 80 marks)

11. (a) Write detailed notes on Java Tokens.

Or

(b) Explain in detail about Decision making, Branching and Looping.

12. (a) Define Constructor? Illustrate about Constructors in brief with your own example.

Or

- (b) Discuss the following :

(i) Method Overloading

(8)

(ii) Abstract Class.

(8)

13. (a) Describe about Inheritance in detail with an example program.

Or

- (b) Write elaborate notes on Packages with suitable illustration.

14. (a) Explain about Multithreading in detail.

Or

- (b) Mention the types of Errors. Discuss about Exceptions in brief.

15. (a) Define Applets. Describe about Applets in detail.

Or

- (b) Write an Applet program to design a simple calculator.