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Future Vision

By K B Hemanth Raj

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Fourth Semester B.E. Degree Examination, June/July 2019
Object Oriented Concepts

Time: 3 hrs.

Max. Marks: 80

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 a. Explain with example programs, how console input and console output are performed in C++. (05 Marks)
b. Explain function overloading with an example program. (05 Marks)
c. What are reference variables in C++? Explain with an example program. (06 Marks)

OR

- 2 a. Explain the usage of scope resolution operator with an example program. (08 Marks)
b. Explain parameterized constructor with an example program. (08 Marks)

Module-2

- 3 a. List and explain the java Buzzwords. (08 Marks)
b. Explain various arithmetic operators present in java with examples. (08 Marks)

OR

- 4 a. Explain with examples three uses of break statement in java. (08 Marks)
b. Explain various iteration statements present in java with code snippets. (08 Marks)

Module-3

- 5 a. What is instance variable hiding? How it can be overcome? Explain with an example. (08 Marks)
b. Explain method overriding with an example program. (08 Marks)

OR

- 6 a. Explain the two uses of super keyword with examples. (06 Marks)
b. What is exception? Demonstrate working of try and catch blocks with suitable example program. (05 Marks)
c. Explain the importance of finally clause with an example program. (05 Marks)

Module-4

- 7 a. Explain isAlive() and join() methods with an example program. (08 Marks)
b. Explain how thread can be created by implementing runnable interface with an example program. (08 Marks)

OR

- 8 a. Explain delegation event model used to handle events in Java. (08 Marks)
b. Briefly explain various sources of events. (08 Marks)

Module-5

- 9 a. Define Applet. Explain the skeleton of an Applet in detail. (08 Marks)
b. How can we pass parameters to Applets? Explain with an example program. (08 Marks)

OR

- 10 a. Explain the following: i) JButton ii) JToggleButton iii) JCheckBoxes
iv) Radio Buttons. (08 Marks)
b. Explain JTabbedPane and JScrollPane with example programs. (08 Marks)
