October-2015

BCA SEMESTER – IV

Paper Name : Java Programming   Paper No : 402
Paper Code No : 2965   Marks : 70
Time : 02:30 Hrs

Q-1   Write down answer the following questions .
(1) Explain byte code in detail.   7
(2) Explain any three Control statements with an example.   7

OR

Q-1   Write down answer the following questions .
(1) Which data types support by Java. Explain with appropriate example.   7
(2) What is OOPs? Explain Inheritance, Polymorphism and Abstraction with example.   7

Q-2   Write down answer the following questions .
(1) What is class in java? Explain in detail.   7
(2) Write down about interface and give an example.   7

OR

Q-2   Write down answer the following questions.
(1) What is Object in java? Explain in detail.   7
(2) What is exception? Explain how exception handling works with example.   7

Q-3   Write down answer the following questions .
(1) Write a short note on java thread model.   7
(2) Write a short note on life cycle of thread.   7

OR

Q-3   Write down answer the following questions .
(1) What is inter thread communication.   7
(2) What is deadlock? Explain with suitable example.   7

Q-4   Write down answer the following questions .
(1) What is stringbuffer class? Explain its constructor and methods.   7
(2) Why should we use files in java? Write in detail about file class of java.   7

OR

Q-4   Write down answer the following questions .
(1) How can we use string methods? Write down about any six methods.   7
(2) Explain file class methods in detail.   7

Q-5   Write down answer the following questions .
(1) Write down about byte stream class in detail.   7
(2) What is printstream class? Explain with proper example.   7

OR

Q-5   Write down answer the following questions .
(1) Explain character stream classs.   7
(2) Write a short note on serialization.   7