Date: 15/03/2016   Time: 03:00 PM to 04:30 PM   Max. Marks: 25

Que. 1 MCQ   (3)

1. The full form of JVM is _____.
   (a) Java Virtuality Machine   (b) Java Virtual Machine
   (c) Java Virtue Machine   (d) None of above
2. In _____ scheduling, a priority is associated with each process.
   (a) Minority (b) Priority (c) Majority (d) None of above
3. The process of translating virtual addresses into real addresses is called _____.
   (a) Mapping (b) Mixing (c) Moving   (d) none of above

Que. 2   Short Questions (Any two)   (4)
   1. List and explain the components of a Computer System.
   2. Define the term 'Process'.
   3. What is Demand Paging?

Que. 3   Explain the monolithic system in brief.   (6)
                    OR
Que. 3 Explain in brief the Client-Server model.   (6)

Que. 4 Describe the Process Control Block (PCB).   (6)
                    OR
Que. 4 Explain First Come, First Served Scheduling.   (6)

Que. 5 Explain in brief the Optimal Page Replacement Algorithm.   (6)
                    OR
Que. 5 Discuss in brief the 'Address Bindings'.   (6)

ALL THE BEST