Savitribai Phule Pune University
(Formerly University of Pune)
Department of Management Sciences (PUMBA)
Executive MBA
2nd Year (Semester –III) External Exam November – 2015
303(E) Computing Environment & Technology

Time: 2hrs.   **Marks: 50**

- Each Question carries 10 marks
- Question 1 is compulsory to answer
- Out of Questions 2 to 6, attempt any 4
- Total 5 questions to be attempted

Q1a) From the perspective of a modern Insurance company, explain the relevance of IT in the organization.   **5 marks**

b) Write a note on Operating Systems. Explain how they can be evaluated? **5 marks**

Q2A) Differentiate between Grids and Clusters.   **5 marks**

B) Explain the different types of databases.   **5 marks**

Q3. Explain the features of the .net (dot net) framework   **10 marks**

Q4A. Fill the blanks. Write the entire sentence in your answer sheet   **5 marks**

1. A _____ prevents forbidden communication over a network

2. The type of network architecture used most often these days is _____

3. Wireless radio standard used in cell phones is called _____

4. A virus that is named after a Greek story relating to the enemy horse that was thought to be friendly

5. Secure remote access is provided through a _____ Private Network.

Q4B. Select the correct option. Write the entire sentence in your answer sheet - **5 marks**

1. A message which appears to alert you about an urgent matter, but contains no malicious code is a?

    a) Spam   b) Worm

    c) Hoax   d) Trojan

2. _____ viruses infect files that are commonly thought of as data files rather than executable

    a) Batch   b) Source Code

    c) Cluster   d) Macro

3. A hardware firewall is just a _____ running on a dedicated piece of hardware or specialized device.

    a) Software Firewall b) Router

    c) Intrusion Detection System   d) Switch

4. What action is equally or more important than running antivirus software when it comes to protecting your system?

    a) Run a Firewall   b) Install an Intrusion Detection System

    c) Change Your Password   d) Apply Patches

5. The term _____ is used to describe a secret or undocumented means of getting into a computer system.

    a) Backdoor   b) Trojan

    c) Spyware   d) Trapdoor

Q5. Which technologies or trends in computation are changing the face of technology and its usage in recent times   **10 marks**

Q6. What are corporations doing to improve business ethics? Why do they interested in creating an ethical work culture? Is anyone at a disadvantage in an ethical environment ? -   **10 marks**