Paper Code: RMB-108	Roll No.										

MBA
FIRST SEMESTER EXAMINATION, 2016-17
COMPUTER APPLICATIONS AND MANAGEMENT INFORMATION SYSTEMS

[Time: 3 hrs]   [Max. Marks: 70]

Note:- Attempt All questions. All questions carry equal marks. Assume suitable data if required.

1. Attempt any **four** of the following:-   **[3.5x4=14]**

   (a) Define **Computer**, illustrate with diagram of a simple diagram of a Personal Computer.
   (b) Define **Hardware**, with example.
   (c) Define **Software**, with examples.
   (d) What is **Firmware**, what is its role in a Computer?
   (e) Differentiate between **Application Software** and **System Software**, illustrate with examples.
   (f) What is **Operating System**, illustrate with examples.

2. Attempt any **four** of the following:-   **[3.5 x4=14]**

   (a) Define **Internet**.
   (b) What is **Augmented Reality**?
   (c) What is a **Web Browser**, explain with examples.
   (d) Illustrate with diagram the working of **DNS**.
   (e) What are **Input Devices**, explain with suitable examples.
   (f) What are **Output Devices**, explain with suitable examples.

3. Attempt any **two** of the following:-   **[7x2=14]**

   (a) Write a short note on **Virtual Reality**; also explain its working using real examples.
   (b) Write a brief on **Management Information Systems**, explain with suitable example.
   (c) Write a short note on **Cross Functional Information Systems**.

4. Attempt any **two** of the following:-   **[7x2=14]**

   (a) Define and explain the working of **Fuzzy Logic**.
   (b) Write a short note on **Artificial Intelligence**, include definition and examples.
   (c) Write a brief on **Neural Networks**, include definition and examples.

5. Attempt any **two** of the following:-   **[7x2=14]**

   (a) Write a short note on **Operations Support System**, illustrate with examples.
   (b) Write a short note on **Cyber Security**, with special reference to Information Technology Act, 2000.
   (c) Differentiate between **Expert Systems** and **Decision Support Systems**, explain with suitable example.