



**PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF MANAGEMENT**

Max Marks: 100

Max Time: 180 Mins

Weightage: 50 %

Set A

COMPREHENSIVE EXAM

II Semester 2016-2017 Course: **MBA A 112 Management
Information Systems**

June 2,2017

Instructions:

- i. Avoid false numbering.
- ii. Elucidate your answers with suitable illustrations where needed.

Part A

(10 Q x 2M= 20 Marks)

1. Explain Inference Engine.
2. What is Spoken Web?
3. Explain Outsourcing.
4. What is Backward Chaining?
5. What is Smart Card? Give one example of Smart Card.
6. What is Firewall?
7. Define Business Process Reengineering (BPR).
8. What is Table?
9. Define Fuzzy Logic.
10. What is Feedback?

Part B

(8 Q x 5M= 40 Marks)

11. What are the common problems with BPR?
12. What is RFID? Give one example of RFID application of your choice.
13. Data Mining Process involves several stages of activities. In order to capture these stages what activities should be followed?
14. Elucidate on information system activities..
15. Data Warehouse Tools and Utilities has got several functions. Elucidate those functions.
16. In a network topology Star Topology is one of the best network topology, but it has got several merits and demerits. Explain the merits and demerits.
17. The middle level manager uses the Decision Support Systems for the reporting purpose. Explain in detail what inputs, kinds of processing and output are required to generate this information?
18. What is Nanotechnology? Give one example of Nanotechnology application of your choice.

Part C

(2Q x 20 M= 40 Marks)

19. There are several components used in Robot to perform surgery. The action of surgery is done through Artificial Intelligence. What are the components used in this Artificial Intelligence process?
20. You have been appointed as Manager of an upcoming super specialty hospital – ‘Hamara Hospital’ of Yelhanka (HHY) district and you have been asked to develop a Hospital Management Information System (HMIS) for HHY. Please identify the followings:
 1. Identify the Key Business Processes of Hospital Management Systems
 2. Which Systems Development Method You will Follow to develop the Key Hospital Management Information System (HMIS) and Why?
 3. Which Governance Model you will follow to Monitor, Control and Implement the required HMIS for HHY?



**PRESIDENCY UNIVERSITY, BENGALURU
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Max Marks: 50

Max Time: 120 Mins

Weightage: 25 %

Set A

TEST 2

II Semester 2016-2017 Course: **MBA A 112 Management Information Systems**

12 April 2017

Instructions:

- i. Avoid false numbering.
- ii. Elucidate your answers with suitable illustrations where needed.

Part A

(6 Q x 1M= 6 Marks)

1. What is Fuzzy Logic?
2. Explain Inference Engine.
3. What is Linear Bus Topology?
4. What is Backward Chaining?
5. What is FTP?
6. What is Rule?

Part B

(8 Q x 4M= 32 Marks)

7. In most of the Organization senior manager uses the executive support system for their forecasting of data. Explain in detail what inputs, kinds of processing and output are required to generate this information?
8. Ring Topology has got several features. Elucidate on these features.
9. In a network topology Star Topology is one of the best network topology, but it has got several merits and demerits. Explain the merits and demerits.
10. You are a network administrator of a company. How you will explain the client server model to your team members.
11. You are required to present a topic in your office on Network Architecture in front of senior executives. What emphasis you will give on presentation of Network Architecture.
12. There are several types of network architecture in an organization. One of them is peer to peer network architecture. Explain this type of network architecture.
13. You want to select Bus Topology as a part of network topology for your organization. What advantages and disadvantages you will look into before going for this type of topology?
14. The middle level manager uses the Decision Support Systems for the reporting purpose. Explain in detail what inputs, kinds of processing and output are required to generate this information?

Part C

(1Q x 12 M= 12 Marks)

15. Movement of Robot is processed through Artificial Intelligence. There are several components contribute to the Artificial Intelligence. Elucidate on these components.



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Max Marks: 50

Max Time: 55Mins

Weightage: 25 %

Set A

TEST 1

II Semester 2016-2017 Course: **MBA A 112 Management
Information Systems**

27 Feb 2017

Instructions:

- i. Avoid false numbering.
- ii. Elucidate your answers with suitable illustrations where needed.

Part A

(5 Q x 1 M= 5 Marks)

1. What is Information?
2. What is Closed System/Give one example?
3. What is Database?
4. What is Feedback?
5. What is Table?

Part B

(5 Q x 5 M= 25 Marks)

3. Information System has got several activities. To be efficient what are those activities?
4. Web 1.0, 2.0 & 3.0 are used in different era of computers. What are the significant contributions of them?
5. What are the Functions of Data Warehouse Tools and Utilities has got several functions? Elucidate those functions.
6. Data Mining Process involves several stages of activities. In order to capture these stages what activities should be followed?
7. There are several major roles of information systems? Describe those roles.

Part C

(1 Q x 20M= 20 Marks)

8. Flipkart hired you as a Database Manager. What types of Databases you will look into to keep control on millions of data?