Q. 1. Answer all the questions:
(i) Describe MIME. Why is it used?
(ii) How do you access database using ASP?
(iii) What are web servers? How do you access them?
(iv) Write a short note on E-business model.
(iii) Describe relational database model.

Note: Answer any two questions. Each question carries 5 marks (Word limits 500)

Q. 2. Write a note on DTP. Explain why it is used.
Q. 3. Describe all protocols used for email transfer.
Q. 4. What is data binding? How do you bind an image and table.
Q. 1. Answer all the questions:
   (i)  What is world wide web?
   (ii) Explain the transport with filter.
   (iii) What is sorting table data?
   (iv) Explain the SQL server.
   (v)  What is DOM methods?

Note: Answer any two questions. Each question carries 5 marks (Word limits 500)

Q. 2. Write short note on:
   i) POP3    ii) IMAP

Q. 3. What is the difference between dynamic style and dynamic position with example.

Q. 4. What is the use of data binding in HTML. Explain with diagram.
Question No. 1 is of short answer type and is compulsory for all the students. It carries 5 Marks (Word limits 50-100)

Q. 1. Answer all the questions:

(i) Why is risk management important? Explain its role in information security.

(ii) What do you understand by cryptography tool.

(iii) List and explain the different types of access control.

(iv) List and explain the various components of information system.

(v) Discuss about VISA international security model.

Note: Answer any two questions. Each question carries 5 marks (Word limits 500)

Q. 2. Explain the steps of SDLC with neat diagram.

Q. 3. Discuss in detail about the various scanning and analysis tools.

Q. 4. Explain the following.

a. Threats in information security.

b. Planning for continuity.
Q. 1. Answer all the questions:

(i) What is SDLC? Explain.
(ii) How we can control Risk?
(iii) Write short note on IDS?
(iv) What are the securing components?
(v) Discuss the scanning and analysis tools.

Note: Answer any two questions. Each question carries 5 marks (Word limits 500)

Q. 2. Explain the design of security architecture in details.

Q. 3. Describe the critical characteristics of information in details.

Q. 4. Explain the basic concept of Information security?
Discuss the security SDLC.
JAIPUR NATIONAL UNIVERSITY, JAIPUR  
School of Distance Education & Learning  
Internal Assignment No. 1  
Master of Business Administration / DM

Paper Code: MBAIT-106  
Paper Title: Computer Network and Tools

Last date of submission: Max. Marks: 15

Note: Question No. 1 is of short answer type and is compulsory for all the students. It carries 5 Marks (Word limits 50-100)

Q. 1. Answer all the questions:

(i) What do you mean by STP and UTP?
(ii) Differentiate between full duplex and half duplex.
(iii) Differentiate between HTTP and HTTPS.
(iv) Explain ARP and BOOTP?
(v) Differentiate between TCP/IP and OSI Network layer model of networking.

Note: Answer any two questions. Each question carries 5 marks (Word limits 500)

Q. 2. With a suitable diagram explain the principles of Fiber optic cable and also explain the types of connectors for this type of cable.

Q. 3. Explain circuit Switching and packet switching with a suitable diagram.

Q. 4. Explain all congestion control technique for open loop and closed loop.
Q. 1. Answer all the questions:

(i) What is bridge?
(ii) What is bus topology?
(iii) What is Telnet?
(iv) What is DNS?
(v) What is ARP?

Note: Answer any two questions. Each question carries 5 marks (Word limits 500)

Q. 2. Explain OSI model in detail.

Q. 3. Explain the three way hand shaking protocol of connection establishment in transport layer.

Q. 4. Different between connection oriented and connection lin service.
Note: Question No. 1 is of short answer type and is compulsory for all the students. It carries 5 Marks (Word limits 50-100)

Q. 1. Answer all the questions:

(i) What is database management system. Explain why it is used.
(ii) Explain multimedia databases with suitable examples.
(iii) Discuss dynamic hashing.
(iv) Discuss object oriented model with example.
(v) Discuss concurrency control.

Note: Answer any two questions. Each question carries 5 marks (Word limits 500)

Q. 2. Discuss data model. Explain various data models of DBMS.

Q. 3. Write a short note on :-
   a. B-trees
   b. X-trees

Q. 4. Write a short note on :-
   a. Data mining.
   b. IDBC and ODBC
Q. 1. Answer all the questions:

(i) What is multimedia database?
(ii) Define the dynamic hashing.
(iii) What is reliability? Explain.
(iv) Define the object definition language.
(v) Define snowflake in database system.

Note: Answer any two questions. Each question carries 5 marks (Word limits 50-100)

Q. 2. What is DBMS model? Explain different DBMS models in detail.

Q. 3. Write a short note on :-
   i) Kd-trees
   ii) X-Ttrees

Q. 4. Difference between the JDBC and ODBC with example.
Note: Question No. 1 is of short answer type and is compulsory for all the students. It carries 5 Marks (Word limits 50-100)

Q. 1. Answer all the questions:

(i) Explain role of information technology in management.
(ii) What are the challenges and issues in information technology management.
(iii) Explain difference between intranet and internet.
(iv) What are expert systems? Explain with example.
(v) Explain E-business with its participation in running a smooth business.

Note: Answer any two questions. Each question carries 5 marks (Word limits 500)

Q. 2. Explain different types of information systems with example.

Q. 3. Explain different input output technologies used in managing a business.

Q. 4. (a) What is operating system? Explain different network operating system.
(b) What is grid computing explain its utilization in business Management.
Note: Question No. 1 is of short answer type and is compulsory for all the students. It carries 5 Marks (Word limits 50-100)

Q. 1. Answer all the questions:

(i) Explain E-Business in IT management.
(ii) What is information Hierarchy?
(iii) What are the hardware issues in computing?
(iv) Explain term WWW.
(v) Explain wireless system.

Note: Answer any two questions. Each question carries 5 marks (Word limits 500)

Q. 2. What information systems? Explain its different types.

Q. 3. What is application service provide? Explain different types of ASP.

Q. 4. Write down the difference between data warehousing and data mining with the help of example.