MBA & MBA (Finance) I Semester Regular & Supplementary Examinations January 2020
INFORMATION TECHNOLOGY FOR MANAGERS
(For students admitted in 2017, 2018 & 2019 only)

Time: 3 hours

Max. Marks: 60

All questions carry equal marks
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SECTION – A
(Answer the following: 05 X 10 = 50 Marks)

1 (a) What are the different components of a system? Explain with examples.
   (b) Explain the role of information technology in production.
OR
2 (a) Discuss the social challenges of Information technology.
   (b) How information technology helps in decision making?

3 (a) What are the advantages and disadvantages of database approach?
   (b) Define physical schema and logical schema.
OR
4 (a) Discuss the various disadvantages in the file system and explain how it can be overcome by the database system.
   (b) What do you understand by relationship? Explain.

5 (a) Discuss the purpose of using macros in a word document
   (b) Describe the process of creating table and form in MS-Access.
OR
6 (a) Using a spreadsheet explain the process of sorting and filtering.
   (b) Explain in detail the steps required for creating queries and reports in MS Access.

7 (a) Define computer network. Diagrammatically explain the computer topologies.
   (b) What do you understand by the term Internet? Discuss the applications of the internet.
OR
8 (a) Explain the various network communication devices.
   (b) Explain different types of networks.

9 (a) What is ERP? Mention challenges of ERP.
   (b) How SAP helps in routine work of any organization.
OR
10 (a) "Big Data is the future of business organizations". Comment.
   (b) What do you understand by IP address? Explain.

SECTION – B
(Compulsory question, 01 X 10 = 10 Marks)

11   **Case Study:**

A small private sector firm employed not more than 1000 people and was spread over two adjacent cities. It had deployed Intranet to facilitate communication across the firm.

Problem:

The firm had problem in preparing the budget and forecasting annually. The issues arose due to manual budgeting process followed by the firm, in which several human resources from finance department were engaged for several weeks. Since the firm had multiple offices in several locations of the two cities, it made the process of data collection difficult. Also budgeting was impacted due to this, adding to the complexity of distribution across different locations, which was manual. Further revisions in the budget were slowed down due to slow collection of corrections proposed in the budget and finalizing the same. This process was costly due to large number of days for which the finance department was engaged (and worked overtime for several days), courier charges for reception and distribution, untimely delivery, and hence lower quality of the prepared budget. The firm was thus looking for a technology which could be centrally and easily shared and reflect the changes made individually.

Solution :

The firm chose Microsoft Excel based spreadsheet to aid in budgeting process and consolidate the information from different locations of the firm into the master budget. One reason for the choice was ease of availability, usage and highly cost effective compared to other possible solutions. The finance department used formulas embedded in the excel workbook for budgeting calculations, and links to input data from different sources. The workbook could easily be shared across the firm, which removed the transportation charges. Also the facility of protecting the workbook by inserting a password prevented its misuse by unwanted users. And the department could easily track changes in the excel book made by any department This facility of tracking changes and sharing reduced the time, man hours spent to develop the budget and cost to prepare the same drastically. This application also allows the firm to generate reports and statements required by the firm throughout the year and-not just at the closing or start of a financial year. This not only saved the time, but also the cost and labour input of the firm. At the same time, it increased the accuracy of the budget as well.

Questions :

(a)   What are the issues faced by the firm in the above case?

(b)   If you are the finance manager in the firm, what solution would you propose in such a situation?

(c)   Do you think MS Excel is the appropriate solution in the case? Justify your answer.

(d)   What if the data increases manifold or the firm spreads nationally across several situations? Do you think the solution offered by MS Excel would still be feasible?

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MBA & MBA (Finance) I Semester Supplementary Examinations June 2019
INFORMATION TECHNOLOGY FOR MANAGERS
(For students admitted in 2017 & 2018 only)

Time: 3 hours   Max. Marks: 60

All questions carry equal marks
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SECTION – A
(Answer the following: 05 X 10 = 50 Marks)

1   List and explain the components of an information system.
OR
2   Discuss some of the strategies for gaining advantage in information technology.

3   Comment on the possible types of data processing methods in database management systems.
OR
4   A medical shop needs point of scale system, what type of data base you will recommend? Justify.

5   Elaborate the various types of graphs and charts available in MS Excel.
OR
6   Explain the types involved in preparing an effective presentation.

7   Justify the need for data communication and network in today's information technology era.
OR
8   Illustrate the different types of data communication network by suitable examples.

9   Describe in detail any four enterprise resource planning packages.
OR
10   Write short notes on cloud computing.

SECTION – B
(Compulsory question, 01 X 10 = 10 Marks)

11   **Case Study:**
A manufacturing company of mechanical spare parts plans to move for popular office by computerizing all its operations. It will communicate with clients, store inventory & records and persuade clients by showing them presentations. As you are assigned the task, suggest the hardware, software, network and database requirements by specifying their use for efficient execution.

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Code: 17E00107

MBA & MBA (Finance) I Semester Regular & Supplementary Examinations December/January 2018/19
INFORMATION TECHNOLOGY FOR MANAGERS
(For students admitted in 2017 & 2018 only)

Time: 3 hours   Max. Marks: 60

SECTION – A
(Answer the following: (05 X 10 = 50 Marks)
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1   Discuss the role of information technology in various sectors.
OR
2   List and explain the various input and output devices of a computer system in detail.

3   Justify the need for database management through suitable example.
OR
4   Comment on the possible types of data access methods in database management systems.

5   Elaborate the salient features of MS Word and list out the advantages of using MS Word.
OR
6   Using MS Excel, explain the process of sorting and filtering.

7   Distinguish between internet, intranet and extranet with suitable examples.
OR
8   Describe any four services provided by the internet.

9   Analyze the need and advantages of SAP over information systems.
OR
10   Write a detailed note on big data.

SECTION – B
(Compulsory question, 01 X 10 = 10 Marks)
11   **Case Study:**
        A medical shop near your house requires point of sale system for improving the business. What type of hardware, software, network and database requirements will you recommend? Justify your recommendations.

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MBA I Semester Supplementary Examinations December/January 2018/19
INFORMATION TECHNOLOGY FOR MANAGERS
(For students admitted in 2014 (LC), 2015 & 2016 only)

Time: 3 hours   Max. Marks: 60

SECTION – A
(Answer the following: (05 X 10 = 50 Marks)
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1   (a)   Convert $(B65F)_{16}$ into decimal.
    (b)   Convert $(41)_{10}$ to binary.
    (c)   Convert $(123)_{10}$ and $(567)_{10}$ into binary and perform binary addition.
    (d)   Using 10's complement subtract 3250 from 72532.
OR
2   (a)   Discuss the basic logic gates (AND, OR and NOT) in detail.
    (b)   Explain the universal gates in detail.

3   (a)   Explain language translators in detail.
    (b)   Mention the advantages of DBMS.
OR
4   List and explain the functions of operating systems.

5   (a)   Write various steps involved in performing mail merge.
    (b)   Explain the steps involved in creating graphs in MS-Excel.
OR
6   List and explain any 5 formatting tools available in MS-WORD.

7   (a)   Explain different types of computer networks.
    (b)   List and explain the services provided by internet.
OR
8   Explain various types of communication media in detail.

9   (a)   Explain Simon's model of decision making.
    (b)   Define and Differentiate data, information and knowledge.
OR
10 (a)   Discuss the problems and challenges in decision making.
    (b)   Explain how expert systems aid in decision making.

SECTION – B
(Compulsory question, 01 X 10 = 10 Marks)

11 **Case Study:**
    Assume that your University is organizing a programme on 'Management Education: Challenge and opportunities' for management students. Prepare a presentation that lists the programme, presentation should contain appropriate clipart. Also format the presentation (bold, italics, font size, font colour) wherever necessary, create the presentation using templates.
         Create a slide that shows the time schedule, name of the University, place of the University, topic, name of the person, time allocated etc., for the presentation. Use table for creating this presentation.

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MBA I Semester Regular Examinations December/January 2017/2018
INFORMATION TECHNOLOGY FOR MANAGERS
(For students admitted in 2017 only)

Time: 3 hours   Max. Marks: 60

SECTION – A
(Answer the following: (05 X 10 = 50 Marks)

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1   Explain the role of IT in business.

OR

2   Explain the strategies for gaining IT advantage.

3   What are the data access methods?

OR

4   Discuss about types of data processing.

5   Explain the formulae and functions in MS-Excel.

OR

6   How to customize presentations? Explain.

7   Explain about types of data communication networks.

OR

8   What is computer network? Explain the concepts of computer network.

9   What is ERP? Briefly explain the various ERP packages.

OR

10   Explain about emerging trends in information technology.

SECTION – B
(Compulsory question, 01 X 10 = 10 Marks)

11   **Case Study:**

Blue Cross Blue Shield and Warner Bros.: The ROI of Storage Area Networks

Blue Cross Blue Shield of Tennessee Inc. has spent between $3 million and $3.5 million over the past three years on a storage-area network (SAN) that includes 40TB of disk and tape storage. That may seem like a hefty capital investment, especially in storage, which is increasingly considered a commodity item. But you must also consider the savings, says Bob Venable, enterprise systems manager at the Chattanooga-based health insurer. They amount to more than $1.5 million per year and come largely from reductions in the time and labor costs related to identifying and solving storage-related problems.

Blue Cross BlueShield's return on investment is impressive, but it's also far from typical. In fact, experts say there's no such thing as typical when it comes to cost savings from SANs, since there's no single formula for calculating their cost. Instead, the cost of implementing and running a SAN can vary tremendously, depending on a company's existing equipment, storage needs, and planned acquisitions. The same variables also affect a company's ROI.

Storage area networks are high-speed local area networks dedicated to providing high-performance data storage for many companies today. SANs cut data storage costs by connecting servers, storage systems, and backup devices to allow centralized storage management and real time reallocation of data storage. "This is a data center management team's nirvana," Says David Cyganski, a professor of electrical and computer engineering at Worcester Polytechnic Institute in Worcester, Massachusetts.

But comparing the costs of implementing and running a SAN with those for other storage systems, such as direct-attached storage or network-attached storage (NAS), is tricky. The initial costs associated with a SAN are significantly higher, but the long-term payoffs are much greater, experts say. "IF I compare the storage costs of buying servers and managing them on a server-by-server basis and the costs of buying a SAN and managing it from a centralized place, the purchase cost is maybe four times higher with a SAN, but the total cost of ownership is about half," says Bob Pass more, an analyst at Garnet Inc., in Stamford, Connecticut.

Don cawthorne is a user-turned-vendor who was working at Northern Trust Bank in Chicagao five years ago when it decided to build a SAN infrastructure. SANs were still in their infancy at the time. Cawthorne budgeted $1.7 million for about a half-dozen servers. But technological advancements have resulted in a huge drop in SAN costs and a big increase in SAN performance. Today, a SAN for six servers would cost only a fraction of the amount he paid, says cawthorne, who is now director of SAN architecture at SAN castle Technologies Inc. in San Lose.

Still, what goes into a SAN now depends on factors such as how large a network is and the class of equipment to be used. "Cost is driven very much by the complexity of the situation," Passmore says. However, users often find that the cost savings they accrue are well worth the price. They also report intangible benefits, such as having more floor space available in the data center after converting to a SAN.

Anthony Lloyd, vice president of computer operations at motion picture company, Warner bros., recovered about 35 percent of his data center's floor space when he installed four storage area networks. This will allow for better planning as he brings in more hardware, he says. Although it's nice to have extra floor space, users, analysts, and vendors say the real advantage of SANs comes from better management of storage.

Before implementing SANs at New York-based Warner Bros., Lloyd had problems projecting what his storage needs and costs would be. "We were immediately able to fix that in the SAN environment." He says. What's more, he estimates that a total investment of about $1.3 million has already yielded about $700,000 in saving over the past year as a result of less downtime and more efficient use of resources.

Now Warner Bros. procures new storage every quarter instead of almost every week. And Lloyd says that because he buys in bulk, he gets better discounts. He also can now generate reports for Warner's business departments to show them how much storage they have available, how much they've used, and how much the additional storage will cost them.

"The cost reductions come in terms of storage management and higher availability," says Arun Tancja, an analyst at the Enterprise Storage Group Inc. in Milford, Massachusetts. "Your data's available all the time: it's not crashing. There's easier storage management, easier implementation of storage applications. Any costs you invest in SANS are oftentimes recovered in a matter of months, not years."

Questions:

(a) What is a storage area network? Why are many companies installing SANs?

(b) What are the reasons for the quick payback on SAN investments?

(c) What are the challenges and alternatives to SANs as a data storage technology?

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Code: 14E00107

MBA I Semester Regular & Supplementary Examinations December/January 2016/2017
INFORMATION TECHNOLOGY FOR MANAGERS
(For students admitted in 2014, 2015 & 2016 only)

Time: 3 hours   Max. Marks: 60

All questions carry equal marks
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SECTION – A
Answer the following: (05 X 10 = 50 Marks)

1 What is computer memory? Explain the primary memory storage devices.
OR
2 Draw the block diagram of computer and also explain its functions.

3 Write a detailed note on entry-relationship model and network model.
OR
4 Discuss the various types of operating systems.

5 Describe the important components in MS-power point.
OR
6 Describe the common functions in MS-EXCEL.

7 Discuss about the services provided by internet.
OR
8 What is intranet? Describe the architecture of intranet.

9 Explain the physical components of information systems.
OR
10 Give an overview of security issues in information technology.

SECTION – B
(Compulsory Question)   01 X 10 = 10 Marks

11 **Case study:**
Write a program to prepare a presentation with your personal profile, college profile and visiting card in
MS-power point.

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Code: 14E00107

MBA I Semester Regular & Supplementary Examinations December/January 2015/2016
INFORMATION TECHNOLOGY FOR MANAGERS
(For students admitted in 2014 & 2015 only)

Time: 3 hours

Max. Marks: 60

All questions carry equal marks
*****

SECTION – A
Answer the following: (05 X 10 = 50 Marks)

1   Briefly discuss the various output technologies.

OR

2   What is number system? Explain the various types of number system with examples.

3   What do you understand by programming language? Describe the features of programming languages.

OR

4   Define DBMS. Explain the various data models with examples.

5   Explain the various business applications of MS-power point presentations.

OR

6   Explain the procedure for creating a Pie chart using MS-EXCEL.

7   What is internet? Discuss the communication and web services provided by the internet.

OR

8   Explain the concept, components and working of world wide web.

9   Explain in detail about the various management support systems in information technology.

OR

10   Briefly discuss the emerging trends in information technology.

SECTION – B

(Compulsory Question)   01 X 10 = 10 Marks

11   **Case study:**
Assume that your University is organizing a programme on 'Management Education: Challenge and opportunities' for management students. Prepare a presentation that lists the programme, presentation should contain appropriate clipart. Also format the presentation (bold, italics, font size, font colour) wherever necessary, create the presentation using templates.

   Create a slide that shows the time schedule, name of the University, place of the University, topic, name of the person, time allocated etc., for the presentation. Use table for creating this presentation.

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Code: 14E00107

MBA I Semester Supplementary Examinations August 2015

INFORMATION TECHNOLOGY FOR MANAGERS

(For students admitted in 2014 only)

Time: 3 hours

Max. Marks: 60

All questions carry equal marks

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SECTION – A

Answer the following: (05 X 10 = 50 Marks)

1   Explain the generations and features of computers.

(OR)

2   List out the types of number systems in computer technology. Illustrate each with one example.

3   What do you mean by data? Explain the concepts and models of DBMS.

(OR)

4   Discuss the functions, role and importance of operating system.

5   Explain various steps in preparation of effective presentation in MS-Power Point.

(OR)

6   What is the procedure to create a letter and send it to 10 members of your friends by using mail merge option in MS-Word?

7   What do you mean by browsing? Explain the features of various applications used for browsing in internet.

(OR)

8   Discuss about the network technology.

9   Brief out the advantages and types of information systems.

(OR)

10   What is Hacking? Describe about different types of hacking in internet technology.

SECTION – B

(Compulsory Question)   01 X 10 = 10 Marks

11   **Case study**:

Write a programme to prepare a Work Book for employee details with Employee No. , Name, Basic salary, HRA, DA, PF, IT, Gross salary, Net salary and category of the employee with if condition and different formulas in MS-Excel.

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Code: 14E00107

MBA I Semester Regular Examinations February/March 2015
INFORMATION TECHNOLOGY FOR MANAGERS
(For students admitted in 2014 only)

Time: 3 hours   Max. Marks: 60

All questions carry equal marks
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SECTION – A

Answer the following: (05 X 10 = 50 Marks)

1   What is a computer? Explain in detail by using block diagram.

(OR)

2   Discuss various types and advantages of computers.

3   Explain the components of a computer.

(OR)

4   What is an operating system? Enumerate various types of operating systems.

5   Explain the features and any 10 menu options in MS-Word application.

(OR)

6   What are the applications of MS-Excel? Discuss about fill, sort, formula, pivot table and chart options with one example.

7   Describe about various types of data communication medias.

(OR)

8   What is network? Explain different types and operation of networks.

9   What are the concepts and components of information system?

(OR)

10   Why computer security is needed for the computer and how malicious software is useful to protect the computer?

SECTION – B

(Compulsory Question)   01 X 10 = 10 Marks

11   Case study:
     Write a program to prepare a presentation with your personal resume, visiting card, marks memo and your college profile in MS-Power point.

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