

Registration No :

--	--	--	--	--	--	--	--	--	--

Total Number of Pages : 02

IMBA
16IMN105

1st Semester Regular Examination 2019-20

IT FOR MANAGEMENT

BRANCH : IMBA

Max Marks : 100

Time : 3 Hours

Q.CODE : HR859

Answer Question No.1 (Part-1) which is compulsory, any EIGHT from Part-II and any TWO from Part-III.

The figures in the right hand margin indicate marks.

Part-I

Q1 Only Short Answer Type Questions (Answer All-10)

(2 x 10)

- Define Operating System.
- Differentiate between ROM and RAM.
- Differentiate between Software and Hardware with example.
- What do you mean by Cache Memory?
- Differentiate between LAN and MAN.
- Define Protocol.
- What do you mean by key in Database?
- What is Intranet?
- What is the full form of www and http?
- Differentiate between snooping and sniffing?

Part-II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve)

(6 x 8)

- Differentiate between System Software and Application software with example
- Explain the generation of computer.
- What is memory in computer? Explain the different types of memory in computer system.
- Write the evolution and classification of programming languages?
- Discuss advantages and disadvantages of database.
- What is FTP? Explain with example.
- What are the components of a database system?
- Differentiate between multi-processing and multi-tasking operating system.
- How Broadband Internet Connection differs from Leased line internet Connection
- Write features of programming languages.
- What is multi threading? Explain with example.
- Explain different types of Networks with example of each type.

Part-III

Only Long Answer Type Questions (Answer Any Two out of Four)

- Q3** Explain TCP/IP and OSI Model in detail. (16)
- Q4** a) Briefly explain the application of Internet with example. (8)
b) What do you mean by Cyber Law? Describe. (8)
- Q5** Briefly explain the different types of Data Models with examples. (16)
- Q6** a) Explain different types of Languages with example available in Database Management System (8)
b) Write short notes on : (8)
(i) Hub
(ii) Switch
(iii) Router
(iv) Repeater

- Q3** a) Explain the components of CPU and their functionality. (7)
- b) What is Operating System? Explain various services provided by Operating System. (8)
- Q4** a) Differentiate between Process and Thread. (7)
- b) What is demand paging? Explain various page replacement techniques used in virtual memory. (8)
- Q5** a) Explain different types of a Database Languages. (7)
- b) Describe the advantages and limitations of database. (8)
- Q6** a) Explain the evolution and classification of Programming Languages. (7)
- b) Differentiate between System Software and Application Software with one example for each. (8)
- Q7** a) List out various Communication Connectivity mechanisms in Internet. (7)
- b) Describe the basics of working of Internet. (8)
- Q8** a) Explain the difference between TCP-IP and OSI architecture model. (7)
- b) Describe various types of Attacks. (8)

Registration No :

--	--	--	--	--	--	--	--	--	--

Total Number of Pages : 02

IMBA
16IMN105

1st Semester Regular Examination 2018-19
IT FOR MANAGEMENT

BRANCH : IMBA

Time : 3 Hours

Max Marks : 100

Q.CODE : E858

Answer all questions from part-I, any EIGHT from Part-II and any TWO from Part-III
The figures in the right hand margin indicate marks.

Part-I

Q1 Short Answer type Questions (Answer all questions): (2 x 10)

- What is joystick? How it is different from trackball?
- Define the terms hardware and software.
- Why is middleware so called?
- What is the necessity of an operating system for a computer system?
- What is data abstraction?
- Differentiate between data and information.
- What are the types of keys that are used in relational model?
- What purpose does a modem serve in data communication systems?
- What do you mean by internet security?
- Differentiate between downloading and uploading of information.

Part-II

Q2 Focused-short Answer type Questions (Answer any Eight questions): (6 x 8)

- What is meant by generations of computers? List out the various generations in computer technologies along with their characteristics.
- Draw and explain the basic structure of CPU.
- Compare microcomputers, minicomputers and main frames in terms of size and cost.
- Explain the concept of a programming language? Give its classification.
- What is software? Differentiate between System Software and Application Software. Enlist System and Application software.
- Write a short note on graphics and multimedia.
- Discuss the concept of data independence and explain its importance in a database environment.
- What are different languages and their purpose that are associated with DBMS?
- Explain the roles, duties and responsibilities of the different users of a database.
- With the help of suitable diagrams, explain the concept of simplex, half duplex and full duplex communication.
- Define computer virus. How do they infect and spread in a computer system? Explain at least three categories of viruses on the basis of their mode of existence. Give three examples of computer viruses.
- What is a Web Browser? Explain how a Web Browser works. Also, explain the types of Web Browsers.

Part-III

Long Answer type Questions (Answer any Two questions) :

(16 x 2)

Q3

What are the various types of memory which are usually used with modern digital computers? Give their important features in brief.

Q4

Differentiate among the following terms: multiprogramming, Multitasking, Multithreading and multiprocessing.

Q5

What do you mean by data model? Compare and contrast different data models.

Q6

What is the meaning of term "topology" in the context of Computer Networks? Explain different topologies giving their advantages and disadvantages.

1st Semester Regular Examination – 2016-17
IT FOR MANAGEMENT

Branch : INTEGRATED MBA

Time: 3 Hours

Max Marks: 100

Q Code: Y811

Answer Question No.1, Question No.2 which are compulsory and any four from the rest.
The figures in the right hand margin indicate marks.

- Q1 Answer the following questions: (2 x 10)
- a) _____ is volatile memory.
 - b) Thread is a _____ process.
 - c) _____ is a one way communication.
 - d) Window is _____ software.
 - e) Oracle is _____ DBMS.
 - f) Air is _____ transmission media.
 - g) _____ attaches itself automatically with other files.
 - h) _____ performs arithmetic & logical operations in computer.
 - i) The interface between computer hardware and user is _____.
 - j) FTP is _____ protocol.
- Q2 Answer the following questions: (2 x 10)
- a) Differentiate between EPROM and EEPROM?
 - b) What is flash memory?
 - c) Describe language portability.
 - d) Which layer of OSI model performs data compression operation?
 - e) What is DOS attack?
 - f) Explain the difference between TCP & UDP.
 - g) Describe snooping mechanism. How does it differ from sniffing?
 - h) What is WWW?
 - i) Differentiate between hard and soft real time systems.
 - j) Explain the difference between composite data type and derived data type in database with example.
- Q3 a) Draw the block diagram of computer and explain all the components of computer. (7)
- b) What is the advantage of secondary storage? Explain various secondary storage devices. (8)

- Q4 a) What is assembly language? Give its advantages over machine language. (7)
- b) What is operating system? Explain the functions of operating system. (8)
- Q5 a) Explain different components of a Database System. (7)
- b) What are various database models? Describe the feature of relational database model. (8)
- Q6 a) Compare the five generations of computers on the basis of the software technologies used. (7)
- b) Differentiate between System Software and Application Software with one example for each. (8)
- Q7 a) What are registers? List out the commonly found registers in the CPU and explain their functions. (7)
- b) Describe the features of several network topologies. (8)
- Q8 a) Explain the OSI architecture model. (7)
- b) Describe cyber law and internet security legislation. (8)