END TERM EXAMINATION

FIRST SEMESTER [BBA] NOVEMBER-DECEMBER 2018

Paper Code: BBA-109	Subject: Computer Applications
BBA(B&I)-109 (Batch 2017 Onwards)	

Time: 3 Hours	Maximum Marks: 75

Note: Attempt five questions in all including Q no.1 which is compulsory.
Select one question from each unit.

Q1 Answer **any five** of the following:-   (5x5=25)
(a) Differentiate between hardware, software, human ware and firmware with a suitable example.
(b) Explain the booting process of a computer in detail.
(c) Explain terms such as directory, file, volume, label and drive name.
(d) Differentiate between LAN, MAN and WAN and compare in terms of speed, accuracy and error.
(e) Differentiate between Internet, Intranet and Extranet.
(f) Explain any three guided media used for transmission.

UNIT-I

Q2 (a) What is a computer? Why is it also known as a data processor? List some of the important characteristics of a computer.   (6)
(b) What is meant by 'generation' in computer terminology? List out the various computer generations along with the key characteristics of the computers of each generation.   (6.5)

Q3 (a) Draw a block diagram to illustrate the basic organization of a computer system and explain the functions of the various units.   (6)
(b) How many types of storage are normally there in the storage unit of the computer system? Give examples of each type and justify the need for each storage unit.   (6.5)

UNIT-II

Q4 (a) What is an operating system? Why is it necessary for a computer system? List and explain the various functions performed by an operating system in detail.   (8.5)
(b) Differentiate between multiprogramming, Multiuser and multitasking with a suitable example.   (4)

Q5 (a) What is a high level language? Explain the main characteristic features of high level languages and write names of any five high level languages.   (6.5)
(b) Differentiate between assembler, compiler and interpreter.   (6)

UNIT-III

Q6 (a) How are charts useful in Excel? List and compare any three chart type available in Excel using diagram.   (4.5)
(b) Differentiate between COUNT, COUNTA, COUNTIF and COUNT BLANK functions in MS-Excel with their syntax and a suitable example.   (8)

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Q7 (a) What is filter in Excel? How is it used to filter text values, numbers and dates? (4.5)

(b) How would you provide a dynamic range in "Data Source" of Pivot tables in MS-Excel? Is it possible to make a pivot table using multiple sources of data? Which event do you use to check whether the pivot table is modified or not? (8)

UNIT-IV

Q8 What is the need of layering architecture? With the help of suitable diagram, describe the OSI Model with the functions of each layer in detail. (12.5)

Q9 (a) What do you mean by network topology? List and explain any three topologies used in networking. Draw neat diagram. (6.5)

(b) Write a short note on application of Information Technology in Business. (6)

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