

END TERM EXAMINATION

FIRST SEMESTER [BBA] NOVEMBER-DECEMBER-2019

Paper Code: BBA-109

Subject: Computer Applications

BBA(B&I)-109

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions including Q. No. 1 which is compulsory.

- Q1 a) Explain how RAM, ROM and CPU interact with each other
b) Discuss the capabilities of MS Excel
c) Explain the functions of operating system
d) Describe the components of data communication
e) Discuss the applications of information technology in inventory control and hotel management **(5x5=25)**
- Q2 a) Discuss the characteristics of fourth and fifth generation computers. **(6.5)**
b) Explain the applications of super computers, mainframe computers and micro computers **(6)**
- Q3 a) Explain the working of time sharing and real time operating systems. **(6)**
b) "Compare and contrast among high level language, assembly level language and machine level language. Which language is user friendly? Justify your answer. **(6.5)**
- Q4 a) Explain how data is analyzed using pivot tables? **(5)**
b) List and explain five mathematical functions and five statistical functions available in MS Excel. **(7.5)**
- Q5 Differentiate between: **(2.5x5=12.5)**
a) Primary memory and secondary memory
b) Compiler and Interpreter
c) Intranet and Extranet
d) Control unit and ALU
e) Copper wire and optical fiber
- Q6 a) What are the advantages of having computer networks? **(5)**
b) Describe the functions of internet **(7.5)**
- Q7 a) Describe the functions of each layer of OSI model **(7.5)**
b) What are the advantages and disadvantage of bus topology over ring topology? **(5)**
- Q8 Write note on the following:
a) Use of ROM **(4)**
b) Relationship between drive name, directory and file **(4)**
d) Working of router **(4.5)**
