

(Please write your Exam Roll No.)

Exam Roll No. 01690382819.

END TERM EXAMINATION

FIRST SEMESTER [B.COM] NOVEMBER - DECEMBER 2019

Paper Code: BCOM 109

Subject: Computer Applications

Time : 3 Hours

Maximum Marks : 75

Note: Attempt any five questions.

- Q1. a) Explain the basic configuration of a computer. ^{AD} (5)
b) Explain how CPU executes the instruction from RAM. (5)
c) Which are volatile and non volatile memories in computer? What type of data these memories contain? (5)
- Q2. a) How is data stored and retrieved from optical disk? Differentiate between hard disk and optical disk. (8)
b) Discuss the applications of super computer and server. (7)
- Q3. a) Explain whether following is a system software or application software. Justify your answer.
(i) Operating system (ii) MS Excel (iii) DBMS (iv) Compiler (10)
b) Explain the working of time sharing operating system. Which type of scheduling it uses? (5)
- Q4. a) Discuss the characteristics of high level languages? Which is the language for which no translator is required? Justify your answer. (8)
b) Explain the booting procedure of a computer. What are the common reasons of booting failure? (7)
- Q5. a) Explain the process management and memory management functions of operating system. (6)
b) Differentiate between: (3x3=9)
i) C drive and D drive
ii) Directory and File
iii) Wired media and Wireless media
- Q6. a) You are the network administrator of an organization. You want to network 20 computers. Which network topology and network device(s) you will use? Justify your answer. [✓] (9)
b) Explain the functions of presentation layer, transport layer and data link of OSI model. (6)
- Q7. a) What are the advantages of creating intranet in the organizations? (4) [✓]
b) Discuss how IT is helping railways to manage their systems. (6) ^{eff. dr}
c) What are the security threats in online banking? (5) ^{→ Com in ag. Secured}
- Q8. Write note on the following: (5x3=15)
a) Input and Output devices
b) Graphs and Charts in MS excel
c) Networking protocols

P D N T S P A