

END TERM EXAMINATION

FIRST SEMESTER [B.COM] NOVEMBER-DECEMBER 2018

Paper Code: B.COM-109

Subject: Computer Applications

Time: 3 Hours

Maximum Marks: 75

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

- Q1 (a) Discuss the functions of different units of computer. (5)
- (b) Explain the characteristics of real time operating system. (5)
- (c) Explain how data is analyzed in MS Excel using pivot tables. (5)
- (d) Discuss how computer networks are created. (5)
- (e) What are the applications of IT in health sector? (5)

- Q2 (a) Classify the computers on the basis of speed, storage and applications. (6.5)
- (b) List and explain the factors on which speed of the computer depend. (6)

- Q3 (a) Differentiate among compiler, interpreter and assembler. (6)
- (b) Discuss the advantages and disadvantages of machine level language over high level language. (6.5)

- Q4 (a) Describe some of the most commonly used application software. (8)
- (b) Explain the various types of error values that might occur while working with functions and formulas in MS Excel. (4.5)

- Q5 (a) 'Multiprogramming implies multiprocessing'. Elucidate. (6.5)
- (b) Differentiate among the terms thread, process and program. (6)

- Q6 (a) Discuss the advantages and disadvantages of optical fibre. (4.5)
- (b) Compare and contrast the following network devices: (8)
 - (i) Router
 - (ii) Switch
 - (iii) Hub
 - (iv) Gateway

- Q7 (a) What are the advantages of an extranet to the organizations? (4.5)
- (b) Explain the functions of each layer of OSI model. (8)

- Q8 (a) Discuss the applications of IT in railways and banking. (6)
- (b) How are the security issues, taken care in the organizations? (6.5)
