

2ND SEMESTER/ COMMON / 2022(S)

Th1(b) Computer Application

Full Marks: 80

Time- 3 Hrs

Answer any **FIVE** Questions including Q No.1& 2
Figures in the right hand margin indicates marks

1. Answer **All** questions 2 x 10
 - a. Write the symbols used for the following expression in flowcharts (I/o, Decision Making, Processing, Connector)
 - b. Interpret MICR
 - c. Define MIPS
 - d. Identify which are variables
(rama, r-ama, r_ama, rama2, 3rama, r@ama)
 - e. Distinguish between file and folder
 - f. Define algorithm
 - g. Compare between compiler and interpreter
 - h. Interpret WWW
 - i. Define array
 - j. Write four antivirus softwares

2. Answer **Any Six** Questions 6 x 5
 - a. Compare between time sharing and multiprogramming operating system
 - b. Draw a flow chart to get the factorial of a given number
 - c. Write on several type of operators used in C programming language
 - d. Explain different mode of data processing
 - e. Summarise different types of data transmission mode
 - f. Explain how you could able to know that a computer system is virus affected
 - g. Compare between 3rd and 4th generation computers

3. Draw a flow chart and write a program in C to get the addition of all even numbers from 1 to 99 10
4. Write on sequential, direct and ISAM file access method 10
5. Briefly write on several types of networking devices used to form a network 10
6. Summarise the features of DOS, UNIX and WINDOWS operating system 10
7. Classify memory in details 10