

B.A./B.Sc. - 5th Sem.

(2116)

Commerce Opt.(i)

Computer Aided Accounting

Time allowed: 3 hrs.

Max. Marks: 100

Section A: All questions are compulsory and carry 2 marks each.

1.	Draw a block diagram of computer.	2
2.	Transistors were used in which generation of computers?	2
3.	What are the different methods of information storage?	2
4.	Draw the hierarchy of files, attributes, records and fields.	2
5.	Write the result of the following: $10011001_2 / 1001_2 = ?_2$	2
6.	What are the different types of data processing?	2
7.	Write the need of validating data.	2
8.	How arrays are declared and used in Basic?	2
9.	Distinguish between functions and sub-routines.	2
10.	Write the function for string copying and concatenation.	2

Section B: Attempt any eight questions. Each question is of 6 marks.

1.	What are the main differences between different generations of computers?	6
2.	What are the different types of information?	6
3.	What is the relationship between fields, records and files?	6
4.	What is the relationship between files, records and fields?	6
5.	Write the steps involved in data processing.	6
6.	What are the different methods of validating data?	6
7.	Write an algorithm for finding average of first n even numbers.	6
8.	What is the structure of a program in Basic language?	6
9.	What are the steps of problem solving in computers?	6
10.	How two dimensional arrays are declared and initialized in Basic?	6
11.	How character arrays are declared, initialized and used in Basic?	6
12.	Define and distinguish between functions and subroutines.	6

Section C: Attempt any two questions. Each question is of 16 marks

1.	What are the features of different generations of computers? Explain.	16
2.	What are the different types of data storage devices? Briefly discuss the features of each device type.	16
3.	a. Define and distinguish between algorithm and flowchart.	8
	b. Draw of flowchart for finding greatest of three numbers.	8
4.	Write a program in Basic to find the largest number in a list of numbers.	16

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