Roll No......................   **Total No. of Sections   : 03**

                                    Total No. of Printed Pages : 03

Code No. : S-177

Annual Examination - 2018

B.Sc. Part - I

COMPUTER SCIENCE

Paper - II

COMPUTER SOFTWARE

                                    Max.Marks : 50

Time : 3 Hrs.   **Min.Marks : 17**

Note : Section 'A', containing 10 very short-answer-type questions, is compulsory. Section 'B' consists of short answer type questions and Section 'C' consists of long answer type questions. Section 'A' has to be solved first.

Section - 'A'

Answer the following very short-answer-type questions in one or two sentences :   **(1 $\times$ 10=10)**

Q.1   Write the full form of COBOL?

Q.2   Define flow chart?

Q.3   Write the full form of OLE?

Q.4   Which function key is used to show the slides?

Q.5   Define Keyword?

Q.6   What is recursion?

Q.7   Write the use of pointer?

Q.8   Define array.

                                                P.T.O.

Q.9   Define structure?

Q.10   What is buffer?

Section - 'B'

Answer the following short-answer-type questions with word limit 150-200 :   **(3×5=15)**

Q.1   Define Windows OS? Write the advantages of Windows OS also.

OR

Discuss the phone dialer in brief.

Q.2   Discuss the absolute and relative addressing working with range? Give suitable example.

OR

What is Internet? Write the applications of Internet.

Q.3   Write a C program to find factorial of any inputed number.

OR

Differentiate between continu and goto statement with example.

Q.4   Write a C program to demonstrate pointer and string.

OR

Explain the void pointer arithmetic with example.

Q.5   Write the difference between Structure and Union.

OR

Write a C program to demonstrate self refrential structure.

Section - 'C'

Answer the following long-answer-type questions with word limit 300-350 :   **(5×5=25)**

Q.1   Define constant and variables? Write the rules for arithmetic expression and hierachy of operation.

OR

Define flowchart? What are the symbols used to draw a flowchart? Draw a flowchart to find the sum of any two numbers.

Q.2   Explain animation and linking in Power point.

OR

What are the types of firewalls? Explain in detail.

Q.3   Explain the type define statement with example.

OR

Write a C program to demonstrate nested for - loop statement.

Q.4   Write a C program to input 10 numbers in an array and sort them in ascending order.

OR

Write a C program to demonstrate pointer and function.

Q.5   Explain array with in structure with example.

OR

Write a C program to demonstrate sequential file.

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