Roll No.....

Total No. of Sections : 03

Total No. of Printed Pages : 03

Code No. : S-277

Annual Examination - 2019

B.Sc. Part - II

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 × 10=10)**

Q.1 Define HTML editor.

Q.2 What do you mean by Home page?

Q.3 What is web browser?

Q.4 Write syntax for <IMG> tag.

Q.5 What is reusability?

Q.6 Define function prototyping.

Q.7 Why are we using destructor?

Q.8 What is an object?

Q.9 Define void pointer.

Q.10 What do you understand by manipulator?

P.T.O.

Section - 'B'

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

Q.1 Explain the structure of HTML code.

OR

Explain following HTML tag in short :

a) <p> b) <pre> c) <Link)

Q.2 What is hyperlink? How they are created?

OR

What do you mean by table tag? Write HTML code for table tag.

Q.3 Describe data type in c++ in short.

OR

Describe benefits of oops.

Q.4 What is copy constructor? When it is used implicitly? Explain.

OR

Explain operator overloading with example.

Q.5 Justify the need of virtual function in c++.

OR

What are streams? Explain the features of c++ stream I/O.

Section - 'C'

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

Q.1 Write an HTML code that will display a table of student name, roll number and total mark.

OR

Explain the following :

a) Blockquote b) Div

c) Active link d) Visited link

Q.2 Explain IMG element with following attribute :

a) SRC b) Width c) Height

d) Alt e) IMG (in line images)

OR

Explain Anchor tag with suitable example.

Q.3 Differentiate between object oriented programming and procedure oriented programming concept.

OR

Write a c++ code to demonstrate :

a) Call by value b) Call by reference

Q.4 Explain function overloading and list the operators that cannot be overloaded.

OR

Describe template function in details.

Q.5 Define polymorphism. Explain virtual function with suitable example.

OR

Explain formatted I/O in c++.

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