Internal Examination (Home Assignment), 2023
B.C.A. II Semester
Computer Application
BCA-201 -DSC
Programming in C++

Time : 1.00 Hrs

Max Marks 15
Min Marks 06

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

<div align="center">Section A</div>   (1X2=02)

Very Short Answer type questions

1. What is structure?
2. What is method overloading?

<div align="center">Section B</div>   (3X2=06)

Short Answer type questions

1. What are the differences between structure and class?

<div align="center">OR</div>

Explain scope resolution operator of C++ with example.

2. Explain friend function with example?

<div align="center">OR</div>

Explain **reference variable** with example.

<div align="center">Section C</div>   (7X1=7)

Long Answer type questions

1. Discuss the call by value and call by reference concept of C++ with example.

<div align="center">OR</div>

Explain the Recursion and recursive function with example.

Internal Examination (Home Assignment), 2023
B.C.A. IInd Semester
Computer Application
BCA-202 DSC
Web Technology and Application

Time : 1.00 Hrs   **Max Marks 15**
                                                           Min Marks 06

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

Section A   (1X2=02)
Very Short Answer type questions

Note: All questions are compulsory.
1. Name any two tag of HTML.
2. Define Website.

Section B   (3X2=06)
Short Answer type questions

Note: All questions are compulsory.
1. What is a link? Explain with example write an HTML code to create Hyper link to another web page.
OR
What is HTML? Explain.

2. Explain following tag with example.
1) Body tag 2) Paragraph tag 3) Head tag
OR
What are different levels of heading in HTML ? Explain with suitable example.

Section C   (7X1=7)
Long Answer type questions
Note: All questions are compulsory. Each question carry equal marks.

1. What are HTML tags? What is the role of HTML tags in HTML code ? Explain any 3 tags in brief.
OR
What is list? Explain different types of list?

Time : 1.00 Hrs   **Max Marks 20**
                                                                       Min Marks 08

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

Section A   **(1X2=02)**
Very Short Answer type questions

Note: All questions are compulsory.
1. What is light pen?
2. What is impact printer?

Section B   **(4X2=08)**
Short Answer type questions

Note: All questions are compulsory.
1. What are the differences OMR and MICR?

OR

What is the working principle of character reader?
2. What is the function of CRT Monitor?

OR

What is non-impact? What are the types of non-impact printers?

Section C   **(10X1=10)**
Long Answer type questions

Note: All questions are compulsory. Each question carry equal marks.

1. What is LED monitor and how it works?

OR

Explain the major role of input and output devices? What are the two most important input and output devices?