

G-40-20

Roll No.....

Annual Examination, 2020

B.Sc. Part II

COMPUTER SCIENCE

Paper II

(Software)

Time : 3 Hours]

[MAXIMUM MARKS : 50

Note : Section 'A' is Objective type and is compulsory. It should be written on the **first page** of Answer-book. Section 'B' is Short answer type and Section 'C' is Long answer type.

SECTION 'A'

(Multiple Choice Questions)

Choose the correct answer :

1×10=10

(i) tag is used for Hyper link in HML.

(a) <A>

(b) <Link>

(c) <Ref>

(d) <h>.

(ii) tag is used for insert image in HTML.

(a) <image>

(b)

(c) <pic>

(d) <bg>.

P.T.O.

- (iii) tag is used to draw a horizontal line in HTML.
- (a) <HR> (b) <HL>
(c) <DL> (d) <hline>.
- (iv) A hyper link in same document is called :
- (a) Inter document link
(b) Intra document link
(c) Both (a) and (b)
(d) None of the above.
- (v) is OOPs property which is used to transfer properties from base to child class.
- (a) Inheritance (b) Polymorphism
(c) Dynamic Binding
(d) None of the above.
- (vi) type of function cannot return any value.
- (a) int (b) void
(c) char (d) char *.
- (vii) Which of the following operation in C++ cannot be overloaded :
- (a) ++ (b) (? , :)
(c) -- (d) +.

(viii) More than one function have same name define in a class is called :

- (a) function overloading
- (b) function overriding
- (c) friend function (d) Virtual function.

(ix) is the base class of iostream class.

- (a) istream (b) ostream
- (c) both (a) and (b) (d) None of the above.

(x) operator can be used to create object of any type.

- (a) malloc (b) calloc
- (c) delete (d) new.

SECTION 'B'

(Short Answer Type Questions) 3×5=15

Note : Attempt **five** questions from this section by selecting one question from each question.

1. What is HTML ? Explain HTML Editor.

Or

Explain the structure of the Home Page.

2. Describe the IMG element and its attributes.

Or

Explain Hypertext anchors with example.

3. What is parameterized function ? Explain.

Or

Explain multiple inheritance.

4. What is constructor ? Explain with example.

Or

What is friend class ? Explain.

5. What is pointer ? Explain with example.

Or

How to create one dimensional array using new operator ? Explain with example.

SECTION 'C'

(Long Answer Type Questions) 5×5=25

Note : Attempt **five** questions from this section by selecting one question from each question.

1. Describe the following HTML tag :

- | | |
|--------------|----------|
| (a) <script> | (b) List |
| (c) <TITLE> | (d) <I> |
| (d) <sub>. | |

Or

Describe the XML and CSS in detail.

2. How to link one document to another document in HTML ? Explain with example.

Or

Explain IMG (In line Image) element and their attributes with example.

3. What is OOPs ? Explain its properties in detail.

Or

What is function overloading ? Explain with suitable example.

4. What is Static Member function ? Explain with suitable example.

Or

Explain single and multilevel inheritance with suitable example.

5. Write short notes on :

(i) Pointer to pointer

(ii) Array to pointer.

Or

What is polymorphism ? Explain with suitable example.

