Time : 2 Hours]   [Total Marks : 50

Q.1 (A) (1) Range of int data type is _____.   3

(2) Implicit type casting is also known as _____.

(3) A=5, what is the output of ++A.

Q.1 (B) Float A=12.3; int B=(int) A+3, what is the value of B.   2

Q.1 (C) Write a program to swap value without using 3rd variable.   5

OR

Q.1 (A) (1) Symbol of ternary operator is _____.   3

(2) Conditional operator is also known as _____.

(3) Exit control loop is also known as _____.

Q.1 (B) Write a program to find number is prime or not.   2

Q.1 (C) Write a program to find maximum number from 3 numbers.   5

Q.2 (A) (1) Output of CEIL (15.2) is _____.   3

(2) Puts() is a string function. (True/False)

(3) clrscr() is a I/O Formatting function.(True/False)

Q.2 (B) Write a program to allocate memory using memory allocation function.   2

Q.2 (C) Write a program to find factorial number using call by reference.   5

OR

Q.2 (A) (1) What is dangling pointer problem.   3

(2) How to declare pointer variable.

(3) & sign is used for _____.

Q.2 (B) Write a program to find number of elements in an Array.   2

Q.2 (C) Write a program to add two numbers using pointer.   5

Q.3 (A) (1) Write down syntax to create union.   3

(2) Which keyword is used to declare structure?

(3) Which operator is used to access structure variable?

Q.3 (B) Create only structure for student details.   2

Q.3 (C) Write down program for Array with structure.   5

OR

1

Q.3 (A)   (1) Write down syntax to add image in HTML.   3
(2) Which operator is used to declare id selector in CSS?
(3) Which keyword is used to declare variable in JavaScript?

Q.3 (B)   Write HTML program to add audio file in webpage.   2

Q.3 (C)   Write a JavaScript to print 10 to 1 in webpage.   5

Q.4 (A)   (1) Write down syntax of Link tag.   3
(2) Which tag is used to create List in HTML?
(3) List out formatting tag in HTML.

Q.4 (B)   Write a program to create nested Table in HTML.   2

Q.4 (C)   Write a program to create Login Page in HTML.   5

OR

Q.4 (A)   (1) Which property is used to give font color?   3
(2) _____ operator is used for class selector.
(3) What is the use of boxsizing property?

Q.4 (B)   Write down example of text property.   2

Q.4 (C)   Write a program to display gradient in webpage.   5

Q.5 (A)   (1) How to declare Array in JavaScript?   3
(2) Onblur event of JavaScript is used for _____.
(3) Confirm Dialog box is used to alert the user.(True/False)

Q.5 (B)   Write a JavaScript Program to get two values from the user and perform addition on 2
it.

Q.5 (C)   Create basic Registration form in HTML and perform form validation using   5
JavaScript.

OR

Q.5 (A)   (1) _____ class in Bootstrap is used to create a dropdown menu.   3
(2) The class used to shape an image to a circle is _____.
(3) .page class in Bootstrap is used to create basic pagination (True/False)

Q.5 (B)   Write a program to create progress bar with label using Bootstrap.   2

Q.5 (C)   Write a program to upload file using bootstrap and HTML.   5