

2019

MSc

4th Semester Examination

COMPUTER SCIENCE

PAPER – COS-403(M1)

Full Marks : 25

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their
Own words as far as practicable.

Illustrate the answers wherever necessary.

Answer any **ONE** question in lottery basis :

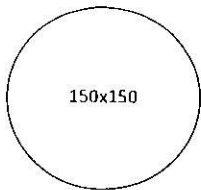
1x15=15

1. Design a form containing a drop down box having five items and a checkbox of five choices and a radio button of three choices.
2. Design the following unmatched table:

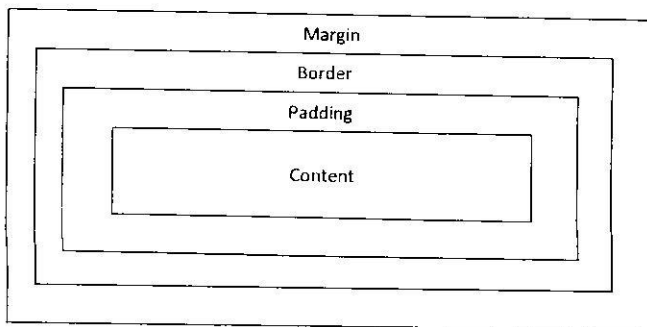
Name	Accuracy		
	Type 1	Type 2	Type 3

And then insert any two record.

3. Design a web page having a picture in the middle, an hyperlink in the bottom right of the page and the hyperlinked page contain five ordered and three unorder items.
4. Design a page to make an image rounded with CSS

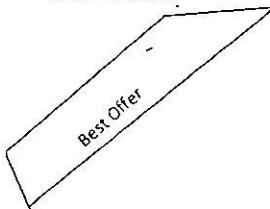


5. Design a CSS box model.



6. Using a Java script find the highest of two numbers.

7. Using a java script function find the multiplication of two number.
8. Design a web page that takes the total marks and marks obtained by the user then automatically find the percentage of a student with other relevant information.
9. Show the use of regular expression in java script to validate the email address with example.
10. Design a webpage to demonstrate the use of cookie.
11. Design a webpage that plays an youtube video.
12. Design a webpage with a corner ribbon in CSS3.



13. Design a webpage with addition of Q no. 12 create a navigation bar.

Home	About	Products	Services	Contact
		Engineering		
		Telecom		
		Energy		
		Finance		
		Consultancy		

14. Write an HTML code to create a Home page having three links: About Us, Our Services and Contact Us. Create separate web pages for the three links.
15. Write an HTML code to create a login form. On submitting the form, the user should get navigated to a profile page.
16. Write an HTML code to create your Institute website, Department Website and Tutorial website for specific subject.
17. Create an HTML file by applying the different styles using inline, external & internal style sheets.
18. Create a webpage to display the calendar using javascript code by getting the year from the user.

[PNB - 5Marks]
[VVA - 5Marks]

2019

MSc

4th Semester Examination

COMPUTER SCIENCE

PAPER – COS-403(M2)

Full Marks : 25

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their
Own words as far as practicable.

Illustrate the answers wherever necessary.

Answer any **ONE** from the following question (On lottery basis).

1. Write a prolog program to calculate number of elements in a list. 20
2. Write a prolog program to reverse a list 20
3. Write a prolog program to check whether a list is palindrome or not 20
4. Write a prolog program to find the sum of the elements of a list. 20
5. Write a prolog program to insert an element at the end of the list. 20
6. Write a prolog program to delete first three element from a list. 20
7. Write a prolog program to delete last three element from a list. 20
8. Write a prolog program to insert an element to its proper position in a list 20
9. Write a prolog program to find out the maximum element of a list. 20
10. Write a prolog program to find out the minimum element of a list. 20
11. Write a prolog program to concatenate three lists into one without using any library function. 20
12. Write a prolog program to find the average of all elements in a list. 20

Viva – 05