

Faculty of Commerce

B.Com. II-Year, CBCS - III Semester Backlog Examinations -June/July, 2022

(For Computers and Computer Applications of B.Com)

PAPER: Programming with C

Time: 3 Hours

Max Marks: 50

Section-A

I. Answer any *five* of the following questions (5x4=20 Marks)

1. Briefly explain the basic structure of a C program.
2. Type conversions.
3. Write a program to calculate sum of any array.
4. What is a call by reference?
5. What is a Union? Explain with example
6. What is a Function?
7. Write the syntax for *for-loop*, *while-loop* and *do-while loop*.
8. What is a storage class? List the different storage classes.

Section-B

II. Answer the following questions (5x6=30 Marks)

9. (a) Discuss about different types of computer languages.

(OR)

- (b) What is a Data type? Explain - different data types in C Language.

- 10.(a) Write about switch statement using suitable example.

(OR)

- (b) Write a program to find factorial for a given number, using while statement.

11. (a) Write a program to find the average of '
- n*
- ' (
- n*
- <10) numbers using arrays

(OR)

- (b) Discuss string handling functions in detail.

- 12.(a)What is a function call? Explain in detail with example.

(OR)

- (b) Write a program to find power of a given number using recursion.

- 13.(a) Define structures? Explain how to declare structure variable with example.

(OR)

- (b) Write a program to swap two numbers using pointers.

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(For E-Commerce of B.Com)

PAPER: Web Technologies

Time: 3 Hours

Max Marks: 50

Section-AI. Answer any *five* of the following questions (5x4=20 Marks)

1. Explain the structure of HTML document.
2. Cascading style sheets (CSS)
3. Briefly discuss about statements in Java script
4. List input events in JavaScript?
5. Write about XML namespace
6. What are attributes in HTML?
7. What is a frame? Explain briefly
8. What is DHTML?

Section-B

II. Answer the following questions (5x6=30 Marks)

9. (a) Discuss about Anchors in HTML with example code.
(OR)
(b) Explain Web design principles.
- 10.(a) Discuss event handling in DHTML.
(OR)
(b) Explain about filters and transitions in DHTML.
- 11.(a) Explain about functions in Java Script with an example program.
(OR)
(b) Discuss about Document Object Modeling (DOM).
- 12.(a)What is an event in JavaScript? Explain its importance in web design.
(OR)
(b) Discuss some commonly used event handlers in JavaScript with example.
- 13.(a) What are well-formed and valid documents in XML? Explain
(OR)
(b) Discuss about Style Sheet in XML.
