Class Test(2) Examination: Spring-2024

Course Code: CIS 115 (Batch: 19)

Course Title: Structured Programming

Time: 30 Minutes **Total Marks: 15**

1. What is a token in C programming language? Provide examples of different types of tokens. 4

2. What is the output of this code? 4

```
int main() {
  int i=6;
  printf("%d\n",i++);
  printf("%d\n",i++);
  printf("%d\n",++i);
  printf("%d\n",++i);
  printf("%d\n",i++);
  printf("%d\n",++i);
}
```

3. Write a C program that read a number and multiply by 4 using shift operator. 4

4. Evaluate the expression: 2 + 3 * 7 % 4 / 2 – 3 3

Course Code: CIS 115 (Batch: 19)

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1. Differentiate between different types of loop with example? 4

2. Display the series: 5, 10, 15, 20, ….., 100 using do-while loop. 4

3. What is the output of this code: 3

```
for (i = 0; i < 10; i++) {
 if (i == 4) {
  continue; }
 printf("%d\n", i);
}
```

4. Write a C program that read an array and display the maximum element from that array. 4

Time: 30 Minutes **Total Marks: 15**

1.	What is an array? Mention some advantages and disadvantages of Arrays.	4
2.	Write a C program that print all prime numbers from 1 to n.	4

3.	What is the output of this code:
	`main( ) {`
	`  int i;`
	`  for ( i=0; i<5; i++ ) {`
	`  int i = 10;`
	`  printf ( " %d", i );`
	`  i++; }`
	`}`
		3

4.	Write a C program that searches any number number from an array.	4

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Department of CIS

Computer Fundamentals [COF101]

Quiz - 1

Time: 30 minutes **Total Marks: 15**

1. Explain briefly the primary difference between RAM and ROM and provide one example of how each is used in a computer system? **Marks [5]**

2. Define cache memory and explain its role in a computer system. Provide an example scenario where cache memory improves system performance. **Marks [4]**

3. Draw a labeled block diagram of the microprocessor and define its primary functions. **Marks [6]**

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Quiz - 2

Time: 35 minutes | Total Marks: 15

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1. What is meant by the term "Deadlock" in Operating Systems? Explain the main functions of Windows OS. **Marks [5]**

2. Explain the importance of the CIA triad in terms of security. Define Active and Passive attacks with examples. **Marks [4]**

3. What do you understand about the terms "Cybercrime" and "Cybersecurity"? Briefly explain Ransomware and Phishing attacks along with examples. **Marks [6]**

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Quiz - 3

Time: 30 minutes **Total Marks: 15**

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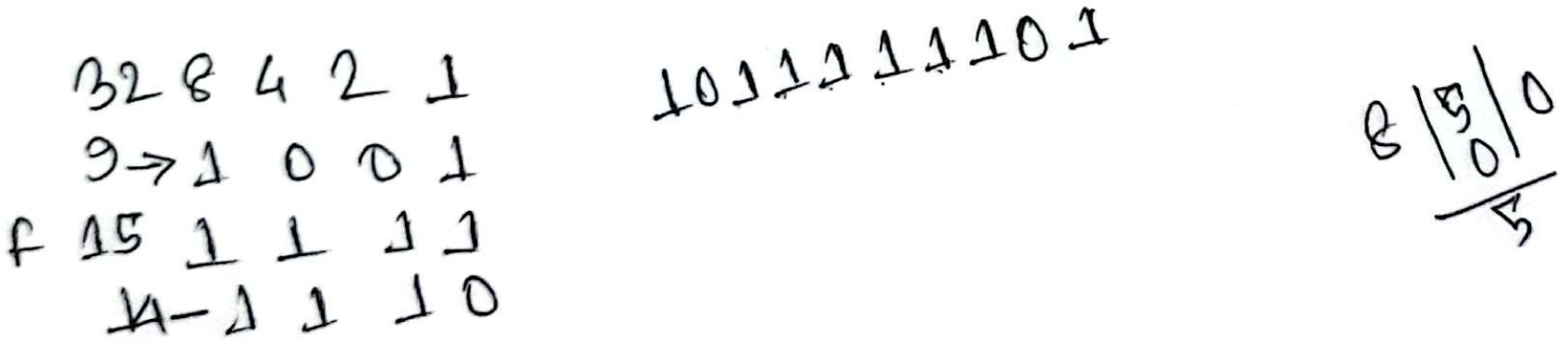
4. (a) Write down the digits used in the Hexadecimal Number System. Marks [2]
   (b) Convert **9FE** to its binary equivalent. Marks [4]

5. Imagine you have a pet dog aged **2.3721** years. How would you express that age in Hexadecimal? Marks [3]

6. (a) Convert from Binary to Octal: **101100110** Marks [3]
   (b) Convert **765** in Binary using the Division Algorithm. Marks [3]



Class Test (3) Examination: Spring-2024

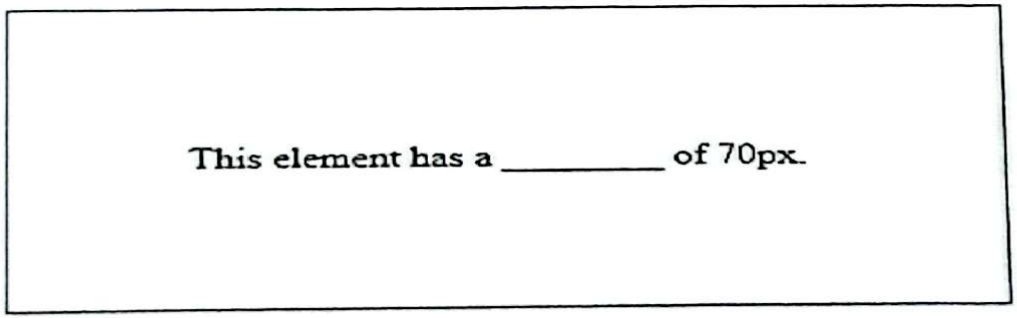
Course Code: CIS 133

Course Title: Website Development Essential

Time: 30 Minutes **Total Marks: 15**

1. [8]

CSS



Write HTML and CSS code to solve the above scenario.

2. What is responsive design? How do we accomplish the responsiveness to an element? [7]

Class Test (2) Examination: Spring-2024
Course Code: CIS 133
Course Title: Website Development Essential

Time: 30 Minutes **Total Marks: 15**

1. Write HTML code for showing the table on the web page. [7]

Science	Commerce	Humanities
A. Physic	• Accounting	I. History
B. Chemistry	• Management	II. Islamic history
C. Math	• Finance	III. Home Science
D. Biology	• Statistic	IV. Economics

2. Explain The HTML attributes & write HTML code for showing the form. [3+5]

Register

First name:

Last name:

Email:

Password:

Confirm password:

Gender:

Male Female Other

Submit