Total No. of Printed Pages:01

SUBJECT CODE NO:- H-417
FACULTY OF SCIENCE AND TECHNOLOGY
F. E. (All)
Computer Fundamentals - I
(REVISED)

[Time: Two Hours]   **[Max. Marks: 40]**

Please check whether you have got the right question paper.
N.B   i) Question no. 1 is compulsory and solve any two Questions from the remaining.

Q.1	Solve any five questions:	10
	a) Explain any two data types in C.	
	b) Explain any two keywords in C.	
	c) Explain syntax of if-else statement.	
	d) Write syntax of for loop.	
	e) Explain logical operators.	
	f) What is Array?	
Q.2	a) Explain different types of operators in C.	05
	b) Explain C tokens with appropriate examples.	05
	c) Determine the hierarchy of operations and stepwise evaluate the expression :	05

$k = 3/2 * 4 + 3/8 + 3$ (assume k as int)

Q.3	a) Write a program to read two numbers and find power of one number raise to another.	08
	b) Explain Function call by reference with suitable example.	07
Q.4	a) Write a program to read a number and find whether it is positive or negative.	05
	b) Explain the difference between while and do while loop with suitable example.	05
	c) Find the output of the following	05

```
void main()
{
int x=4,y=3,z;
z=x-- -y;
printf("\n %d %d %d",x,y,z);
}
```

Q.5	a) Write a C program to sort 10 numbers using bubble sort method.	08
	b) Explain Recursion with suitable example.	07

1

H-417