

**National Institute of Technology  
Kurukshetra**

**Subject Name: Basics of Programming**

**MID Term- I**

**Subject Code : CSIR11**

**NOTE:** Attempt any three. Each Question contains equal marks (5)

**1. Write a program in C that reads three integer from the keyboard as input (DAY, MONTH, YEAR) and print date in the given format below.**

**(a) Day Should be followed by proper suffix as st, nd, rd, th .**

**(b) Comma should be properly placed after month.**

**Like (1) 5 1 99      5<sup>th</sup> JAN, 99**

**(2) 54 2 99      (invalid date)**

**2.  $c = a*b+20$ . This is the equation given to you. Value of a and b are 10 and 20 respectively (fixed). Write a program in C, that will take response (Answer) as an input from the user and tells user, weather answer is correct or not. If answer is**

**not correct, program keep on asking user response till user gives correct answer.**

- 3. Write a program in C that reads a number like 6547 and a digit like 8. It determines whether the first number contains the digit or not.**

**Like:**

- |            |             |          |            |
|------------|-------------|----------|------------|
| <b>(1)</b> | <b>4587</b> | <b>4</b> | <b>YES</b> |
| <b>(2)</b> | <b>4987</b> | <b>3</b> | <b>NO</b>  |

**NOTE: Second one is a digit like 5, 7, 8....etc**

- 4. Print table (2 to 6) in the given format**

<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>
<b>6</b>	<b>9</b>	<b>12</b>	<b>15</b>	<b>18</b>

**And so on.**