

Course:	Programming in C	Semester:	First
Branch:	COMP/IT/ETRX/EXTC/MECH	Date:	5 th Feb 2022
Exam:	ON SCREEN TEST	Time:	10 AM to 12 PM

Q No	Question	Marks
1	<p>Attempt any one</p> <p>a) WAP using switch-case statements to display the following pattern.</p> <p style="margin-left: 40px;">i) Square</p> <p style="margin-left: 40px;">ii) Rectangle</p> <p>Note: 1) For square, ask the user to enter the size of the square.(i.e No of rows or column)</p> <p>2) For Rectangle, ask the user to enter the size of the length and breadth .(i.e No of rows and column)</p> <p>Ex: Square: (size = 3)</p> <pre>0 1 2 1 2 0 2 1 0</pre> <p>Ex: Rectangle (length = 4, breadth = 2)</p> <pre>1 2 3 4 5 6 7 8</pre> <p>b) Write a C program to print the numbers that do not appear in the Fibonacci series. The number of such terms to be printed should be given by the user.</p>	8
2	<p>Attempt any one</p> <p>a) Write a c program to write a data of employees into file such as employee name, salary , age and id. Then display the record from the file. and add a few more employee data. and display the record from the file again.</p> <p>b) Write a function that takes the decimal number and base of the number system as input and returns the equivalent number of the given base. Write a main program to input decimal numbers and base from the user and print the equivalent number. Check whether the base entered by the user is a single digit number or not.</p>	12