

SNS COLLEGE OF TECHNOLOGY

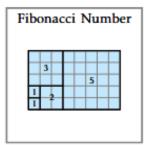


(An Autonomous Institution) Coimbatore – 35

Department of Computer Appliations

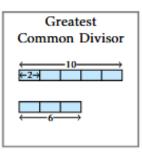
19CAT602-Data Structures and Algorithms

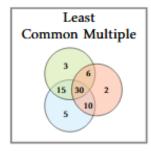
1. Fibonacci Serious



Last Digit of Fibonacci Number

 $F_{170} = 150\,804\,340\,016$ $807\,970\,735\,635$ $273\,952\,047\,185$







Last Digit of the Sum of Fibonacci Numbers

1+1+2+3+5+8=20

Last Digit of the Sum of Fibonacci Numbers Again

2+3+5+8+13=31