

B.Sc. (Gen.) 1st Semester Examination, 2020 (CBCS)
Paper Name: Problem Solving Using Computer Paper Code: CC 1-A/GE-1
Subject: Computer Science

F.M:40

Time:2 Hrs

Answer any *eight* Questions.

5x8 = 40

1. What is the significance of indentation in Python? How is it different from other programming languages? 2+3
2. State the differences between *while* loop and *for* loop in Python. Give examples. 5
3. Discuss the functions of various components of a Computer System. 5
4. Briefly explain any two relational operators of Python with suitable example. 5
5. Discuss the different types of errors occur in programming. 5
6. Briefly explain the use of *break* statement and *continue* statement in Python. 5
7. Write a program in Python to display first n terms of Fibonacci series. 5
8. Write a program in Python to find factorial of a given integer. 5
9. State the differences between List and Tuple in Python. 5
10. Discuss the concept of inheritance in Python using example. 5