

1st year Assignment Question papers of UGCS

Session: 2023-24	Max. Marks: 30
Program Name: Bachelor of Science	
Course Code: UGCS- 101(N)	Course Name: Computer Fundamental and PC software

SECTION -A		2*6=12 marks
Q. No.	Short answer type question (approx. 200 -300 words)	Marks
1	What are different input/output (I/O) devices in a computer?	2
2	What are Toolbars and Menus of MS Excell Worksheet? Differentiate between serial and parallel port.	2
3	What are different types of MS word Tools?	2
4	What do you mean by mail merge?	2
5	What are the DOS commands? list any five	2
6	How you can convert Hexadecimal to Binary number system?	2
SECTION -B		6*3=18 marks
	Long answer type question (approx. 500 -800 words)	Marks
7	Explain the different generations of computer? List some of the applications areas of computer	6
8	What are Main functions of OS? Explain the different type of OS .	6
9	Explain with examples, the different types of number system used in computer . Discuss the step of conversion between different number system	6

Session: 2023-24	Max. Marks: 30
Program Name: Bachelor of Science	
Course Code: UGCS- 102(N)	Course Name: C Programming

SECTION -A		2*6=12 marks
Q. No.	Short answer type question (approx. 200 -300 words)	Marks
1	Explain the differences between static and auto variables, with example of each.	2
2	Differentiate between structure and Union by using example	2
3	Explain the syntax of do-while statement. Also differentiate do-while from while Statement	2
4	What is recursion?	2
5	What are the logical operators in C ?	2
6	Differentiate between call by value and call by reference using example program	2
SECTION -B		6*3=18 marks
	Long answer type question (approx. 500 -800 words)	Marks
7	What are different basic data types in C ? Explain the need of different numeric data types with example of each.	6
8	What is an array? Write a C program using array to find largest and smallest number from a list of 100 given numbers	6
9	What is function ? Explain. How a function is Called in C ?	6

Session: 2023-24	Max. Marks: 30
Program Name: Bachelor of Science	
Course Code: SBSCS-02N	Course Name: Python Programming

SECTION -A		2*6=12 marks
Q. No.	Short answer type question (approx. 200 -300 words)	Marks
1	Write Python program to calculate the Arc Length of an Angle by assigning values to the radius and angle data attributes of the class Arc Length	2
2	Describe the different access modes of the files with an example	2
3	Write Python Program to simulate a Bank Account with support for deposit Money, withdraw Money and show Balance Operations.	2
4	Discuss inheritance in Python programming language.	2
5	Write a Program to demonstrate the Overriding of the Base Class method in the Derived Class.	2
6	Write a Python program to demonstrate the use of super() function.	2
SECTION -B		6*3=18 marks
	Long answer type question (approx. 500 -800 words)	Marks
7	Write Python program to sort words in a sentence in decreasing order of their length. Display the sorted words along with their length	6
8	Discuss the following methods associated with the file object a) read() b) readline() c) readlines(),	6
9	Explain the different string formats available in Python with examples. Discuss the int(), float(), str(), chr() and complex() type conversion functions with examples.	6