

School of Engineering and Technology
(Accredited by NAAC with Grade 'A+')

Date: 21/08/2024

NOTICE
(Batch 2022, SEM I)

Test Type: Sessional Test **Test No:** I **Total Marks :** 40 **Duration :** 90 mins
Name of Course Coordinator: Mr. Rinku **Course Code:** CA132
Course Title: Programming in Python
Exam Date: 29/08/2024 **Day:** Thursday **Time:** 2:00 PM **Mode:** Offline
Programme & Semester: BCA & Sem V
Syllabus for Test:

Sr. No	Topics
1.	Introduction Data, Expressions, Statements Introduction to Programming, Choosing Python, Setting up Python environment, Python IDEs
2.	Data types: Int, float, Boolean, string, and list; variables, expressions, statements, precedence of operators, comments; modules.
3.	Operators Arithmetic, Assignment, Comparison, Logical, Identity, Membership, Bitwise operators
4.	Control Flow, Loops Conditionals: Boolean values and operators, conditional (if), alternative (if-else), chained conditional (if-elif-else); Iteration: while, for, break, continue
5.	Functions, Arrays, Strings Fruitful functions: return values, parameters, local and global scope, function composition, recursion;

Format of Assessment/Sessional Examination: ST-I

No. of Questions : 15(1 marks), 3(2 marks), 3(3 marks), 2(5 marks)

Remarks, if any :

Signature of Course Coordinator: Mr. Rinku