

SUBJECT CODE: 102304CS
B.Tech. – 3rd Semester Examination April-May 2022
Specialization: Common
Course: PYTHON WITH DJANGO

Maximum Marks: 100

Time Allowed: 3 Hours

Minimum Pass Marks: 35

Note: Part (A) of each question is compulsory, Attempt any two parts from (B), (C) & (D)

Q. No.		Question	Marks
1	A	Why is Python so popular? Give some popular applications which are developed in Python.	4
	B	What are the various operators available in Python?	8
	C	Write Python code to reverse a number.	8
	D	Write Python program to an element in a list using linear search.	8
2	A	What are different types of Data collections available in Python?	4
	B	What is the difference between List, Tuples, Sets and Dictionaries?	8
	C	Write Python Program to sort elements of a list.	8
	D	Write Python Program to demonstrate diamond problem.	8
3	A	What is PIP and its usage and importance.	4
	B	Explain try-catch-finally block in python.	8
	C	Explain MVC model.	8
	D	Write short notes on any 2 modules of python along with its function	8
4	A	Write Django code for URL Mapping	4
	B	Draw and explain file structure in Django	8
	C	Illustrate difference between MVC and Django MVT Architecture	8
	D	Create a Django webpage demonstrating the process of template generation and rendering	8
5	A	Explain about following files: 1. Manage.py 2. Settings.py	4
	B	Explain CRUD operations.	8
	C	Explain about get and post method in HTML	8
	D	Write short notes on any 4 tags in DTL	8