(g) What is flowchart?

(h) How lists are differ from tuple in Python?

(i) What is keyword? Give example with respect to python.

(j) What is None in python?

Unit–II

2. Answer **any** *two* questions :   5×2=10

(a) What is variable? What are variable naming conventions in python?   1+4

(b) Explain memory hierarchy of computer.

(c) Draw a flowchart to accept a number and find its factorial.

(d) Write an algorithm to check whether a given number is palindrome or not.

Unit–III

3. Answer **any** *one* question :   10×1=10

(a) Explain different applications of computer in modern age.

(b) Write a python program to print the Armstrong numbers between 1 and 1000 (both included).

Explain difference between keyword and variable in python with example.   6+4

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TB—109

B.Sc. 1st Semester (Programme) Examination-2022-23

COMPUTER SCIENCE

Course ID : 11518   Course Code :   SP/CSC/101/C-1A

Course Title : Computers and Problem Solving (New) Problem Solving with Computer (Old)

Time : 1 Hour 15 Minutes   *Full Marks :* 25

The figures in the right hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable

Unit–I

1. Answer **any** *five* questions :   1×5=5

(a) Define modern computer.

(b) What is the purpose of CPU?

(c) Give example of input and output devices.

(d) What is register memory?

(e) What is dictionary type in python?

(f) Give example of 1st generation computer.

(Turn Over)