GOVT. V.Y.T. P.G. AUTONOMOUS COLLEGE, DURG
INTERNAL EXAMINATION (2025)
CLASS-BCA-VI SEMESTER (DSC)
COURSE CODE – BCA -601
Subject- Programming in Python

Note: Section 'A' & 'B' containing 1 very short-answer-type questions, is compulsory.
Section 'C' consists of short answer type questions and Section 'D' consists of long answer
type questions.   **MAX MARKS - 15**

Section - 'A'
Answer the following very short-answer-type questions in 4 to 5 sentences: (1×2=2)

Q.1 What is string subscript operator in python? Give Example..

Section - 'B'
Answer the following very short-answer-type questions in 4 to 5 sentences: (1×2=2)

Q.2 Write output of the following program:

list = [1,2,3,4,5,6,7]

print(list[2:5])

Section - 'C'
Answer the following long answer type questions in word limit 250-300:(1×4=4)

Q.3 Explain any six methods of string with suitable example.
                    OR
    Write a python program to convert decimal to binary number.

Section - 'D'
Answer the following long-answer-type questions with word limit 300-350: (1x7=7)

Q.4 Explain List and Tuple data type with Example. Also Differentiate between them.
                OR

Explain DIctionary and Set data type with Example. Also Differentiate between them.

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