

GOVT. V.Y.T. P.G. AUTONOMOUS COLLEGE, DURG
ASSIGNMENT QUESTION (2024-25)
BSC(IT) – III SEMESTER
COURSE CODE – BIT-303(L)
DSE 2 - DATA STRUCTURE

Max.Marks: 20

Note: Section 'A' & 'B' containing 2 very short-answer-type questions, is compulsory. Section 'C' consists of short-answer-type questions and Section D is long-answer-type questions.

Section - 'A'

Answer the following very short-answer-type questions in one or two sentences:

(1×2=2)

Q.1 What is Array?

Section - 'B'

Answer the following very short-answer-type questions in one or two sentences:

(1×2=2)

Q.1 What is pointer ?

Section - 'C'

Answer the following short-answer-type questions in one or two sentences:

(1×6=6)

Q.1 Differentiate static and dynamic array?

OR

Explain records and pointer?

Section – 'D'

Answer the following long answer type questions in word limit 150- 200:

(1×10=10)

Q.1 Write an algorithm for insertion and deletion operation of an array?

OR

Write an algorithm for linear search operation of an array, with suitable example?