

**Goa Vidyaprasarak Mandal's**  
**GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS**  
**FARMAGUDI, PONDA – GOA**  
**B.C.A. UGC-CCFUP (SEMESTER III) INTRA SEMESTER ASSESSMENT (ISA - I), AUGUST 2024**  
**DATA STRUCTURES (CSA-200)**

**DURATION – 30 minutes**

**Marks: 07.5**

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|---|-----------------------|
| 1. Define Data Structures?  | (L1)(CO1)(1 Marks)    |
| 2. Illustrate a hierarchy flow of data structure?   | (L2)(CO2) (2Marks)    |
| 3. What are the applications of an array in data structure?   | (L1)(CO3)(1 Marks)    |
| 4. What is the algorithm of insertion of an array   | (L1)(CO3) (1.5 Marks) |
| 5. Find an array M[2:12, 1:11] required 3 bytes of the storage foe each element and the beginning location is 400 so determine the location of M[5][6]. | (L1)(CO3)(2 Marks)    |
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