

S.Y. B.Sc(CS) (Div – A & B) (Assignment – 1)

Q.A . Answer the following questions in one or two lines :

- 1) Define Data Object.
- 2) What are the advantages of ADT ?
- 3) Define Data Structure.
- 4) Define ADT.
- 5) Define Data Type.
- 6) Write two advantages of Data Structure.
- 7) List out the areas in which data structures are applied extensively.
- 8) Define the term Big O notation .
- 9) What are the characteristics of an algorithm.
- 10) Define omega notation.
- 11) Which notation is used to denote lower bound.
- 12) Define Space Complexity .
- 13) Define Time Complexity.