Q. What do you understand by data structure? What are its importance? List out its application areas.

Q. Differenciate between:
    i → primitive and non-premitive data structure.
    ii → linear and non-linear data structure.

Q. What are the various operations that can be performed on data structure?

Q. What is ADT? How it differs from data type? What are the benefits of using ADT?

Q. What is algorithm? What are the characteristics of good algorithm?

Q. What are asymptotic notations? Explain its types.

Q. ADT supports extraction. Explain.

Q. How can you say stack is an ADT? Explain.

Q. Point out limitations and advantages of different asymptotic notations.