

# STAR INFOTECH COLLEGE DEOLI

## MODEL PAPER C AND DS 2018

Programs –

1. Reverse number
2. Prime or not prime number
3. Factorial (recursion )
4. Even odd number
5. Armstrong number
6. Fabonacci series

Long type questions –

1. What is tokens explain types of tokens with suitable example
2. What is array define its types and features with suitable example
3. What are you know about looping statements define types of looping with example
4. What is pointer explain its features and explain pointer array with suitable example
5. What is algorithm. Explain its characteristics and limitations with example how to create a algorithm define its steps.
6. What is the difference between stack and queue explain with suitable example.
7. What is linked list explain its types
8. What is operator explain its types with suitable example
9. What is graph explain types of graph

Middle type questions –

1. What is data type define various data types used in c
2. Explain efficiency of algorithm in detail
3. What is string define some function of string with example
4. What is the difference between structure and union
5. What is the difference between searching and sorting ? define types of searching and sorting
6. What is difference between malloc and calloc function explain with example
7. Explain prim and krushkal algorithm with suitable example
8. What is tree explain types of tree used in data structure.
9. Describe programming structures with suitable example ?

Short type questions –

1. Who is develop c language and where
2. Explain scope rules
3. What is storage classes define its types (auto,register,extern,static)
4. What is keyword
5. What are you know about size of data types explain
6. What is expression explain with example
7. Explain flow chart
8. What is the difference between local and global variable
9. What is the need of algorithm
10. Define operations of array
11. Explain types of searching
12. Explain types of sorting
13. Define types of queue
14. What is file handling