Sarvodaya college

B/H P.D.M. College, Gondal Road, Rajkot

F.Y. Sem -2

Subject: Data Structure with c language	Time: 2 hours
Marks: 50	
Q-1 (A) Answer the following:	(3)
 Define algorithm? What is space complexity? A function is used to be allocate memory. 	
Q-1(B)	(2)
1) What is Bio-Oh notation?	
Q-1(c)	(5)
1) Explain text file and binary file also explain use of file had	ndling function.
Q-2(A) Answer the following:	(3)
 sorting method is also known as bin sort. In sorting techniques it compare each element o element next to it. How many types of sorting list out all. 	f the list with
Q-2(b)	(2)
1) Write an algorithm for bubble sort.	
Q-2(C)	(5)
1) What do you mean by searching? Explain binary search	with example.
Q-3(A)	(3)
 FIFO stands for In queue elements are inserted fromend. If tos = -1 then, the stack is 	

