R18

Code No: 153AK

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B.Tech II Year I Semester Examinations, March - 2021

DATA STRUCTURES

(Common to CSE, IT, ITE)

Time: 3 hours

Max. Marks: 75

Answer any five questions All questions carry equal marks

1.a) Discuss in brief al b) Write a C program	bout single linked list. n to convert infix to postfix expression	₹ 8R €	7+8]
2. What are different	t methods of collision resolution in has	shing? Explain in brief. [[15]
,	about red-black trees. bout binary search trees.	· [[7+8]
	aversed using depth first search? Explants	south s	[15] [15]
6. Explain in brief al	bout tries with example.	, , , , , ,	[15]
	about skip lists in data structures.	2 . 8 R	[15] [15]