Matematika 3 Tree



Name

Dicha Zelianivan Arkana

NIM

2241720002

Class

2i

Department

Information Technology

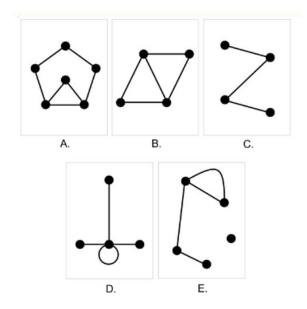
Study Program

D4 Informatics Engineering

Task

Task 1

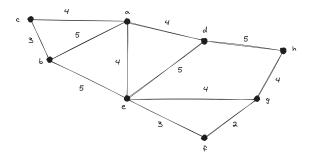
Which of the following image is a tree graph?



The C and D image are the tree graph because it has no cycle and connected.

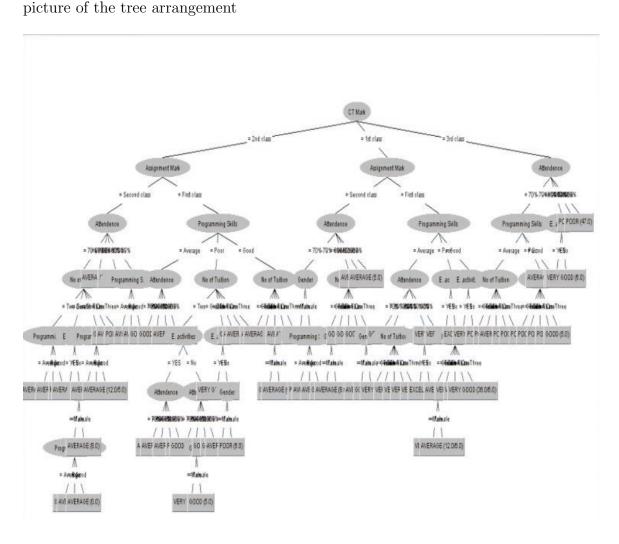
Task 2

Find the minimum spanning tree from the following image with the prim algorithm, continue the table below.



1 Matematika 3- Tree

 ${\bf Task~3}$ Look for 1 example of a journal application of a Tree / Decision tree and draw a



University Students Result Analysis and Prediction System by Decision Tree Algorithm - Md. Imdadul Hoque, Abul kalam Azad, Mohammad Abu Hurayra Tuhin, Zayed Us Salehin

2 Matematika 3- Tree

Step	Edge	Weight	MST
			• 9
			2
1	(f, g)	2	+
			e 9
			3 2
2	(f, e)	3	₽ n
3	(g, h)	4	e 3 2
3	(g, 11)	4	
4	(a, e)	4	q q q q q q q q q q q q q q q q q q q
4	(a, e)	4	° 4
5	(a, d)	4	
6	(a, c)	4	c 4 a 4 d h
0	(a, c)	I	4 a
7	(b, c)	3	3 d h

3 Matematika 3- Tree