

MUH. NASARUDDIN R
D21116510

①.

3. menyusun Rute :

$$ACDB = 225$$

$$AGHJB = 235$$

$$AMNB = 185$$

$$AGEFDB = 120$$

$$AGKLJB = 225$$

$$AGEFIJ = 190$$

ditolak dari round trip time maka paket data akan lebih cepat sampai ketika melalui titik AGEFDB dengan RTT sebesar 120 ms

1. a. Dik : $j(z) = 10$

$$j(3) = 5$$

$$j(4) = 15$$

$$\Rightarrow ax^2 + bx + c$$

$$4a + 2b + c = 10 \Rightarrow c = 10 - 4a - 2b$$

$$9a + 3b + c = 5$$

$$16a + 4b + c = 15$$

Substitusi $c = 10 - 4a - 2b$ ke pers

$$9a + 3b + 10 - 4a - 2b = 5 \Rightarrow$$

$$5a + b + 10 = 5 \Rightarrow 5a + b = -5$$

$$16a + 4b + 10 - 4a - 2b = 15 \Rightarrow$$

$$12a + 2b + 10 = 15 \Rightarrow 12a + 2b = 5$$

$$\begin{array}{l|l} 5a + b = -5 & \times 2 \\ 12a + 2b = 5 & \times 1 \end{array} \Rightarrow \begin{array}{l} 10a + 2b = -10 \\ 12a + 2b = 5 \end{array}$$

$$-2a = -15$$

$$a = 15/2$$

substitusi $a = 15/2$ ke pers

$$5a + b = -5$$

$$5(15/2) + b = -5$$

$$37.5 + b = -5 \Rightarrow b = -42.5$$

Substitusi a dan b

$$4a + 2b + c = 10$$

7,5

45/2