

# Circular

## # Hatinjheel Bus management project

### Bus stops:

1. F. D. C

2. Kuni para, Begunbari

3. Tejgaon Industrial Area

4. Police Plaza

5. Rampura

6. Mohanagar

7. Modhubagh

Every Bus stop has its

own Ticket Booth

Bus no. → 12 → AC → 4  
→ Non-AC → 8

But price of tickets are same.

Modhubag (20)
70-10 = 60
70-20 = 50
70-30 = 40
70-40 = 30
70-50 = 20
70-60 = 10
70-70 = 0

~~Lotus - 10 - 10~~  
~~- 20 - 20~~

FDC (10)
10-20 = -10
10-30 = -20
10-40 = -30
10-50 = -40
10-60 = -50
10-70 = -60
10-10 = 0

Price

Map

Police Plaza (40)

40-50 = -10
40-60 = -20
40-70 = -30
40-10 = 30
40-20 = 20
40-30 = 10
40-40 = 0

10

FDC

20

Kunipara

30

Tejgaon IA

Modhubag  
70

Mohamagan  
60

Rampura  
50

Police Plaza  
40

Kunipara (20)

20-30 = -10
20-40 = -20
20-50 = -30
20-60 = -40
20-70 = -50
20-10 = 10
20-20 = 0

Tejgaon I/A (30)

30-40 = -10
30-50 = -20
30-60 = -30
30-70 = -40
30-10 = 20
30-20 = 10
30-30 = 0

Rampura (50)

50-60 = -10
50-70 = -20
50-10 = 40
50-20 = 30
50-30 = 20
50-40 = 10
50-50 = 0

Price

Mohamagan (60)

60-70 = -10
60-10 = 50
60-20 = 40
60-30 = 30
60-40 = 20
60-50 = 10
60-60 = 0

From (Place) → to (Place) → Ticket (price)

FDC

Kunipara/Tejgaon  
IA

10 tk

FDC

Police Plaza/Rampura

15 tk

FDC

Mohamagan/Modhubag

20 tk

# Pricing Algorithm

~~Selected Location~~

~~to~~

Current Location  
to  
Destination

~~to~~

C.L. → consecutive two location → Price 10 tk  
→ next consecutive two location → 45 tk  
→ next consecutive two location → 20 tk



$$0 = 30 \text{ tk (Full tour of Hatinjheel)}$$

$$-10 = 10 \text{ tk}$$

$$-20 = 10 \text{ tk}$$

$$-30 = 15 \text{ tk}$$

$$-40 = 15 \text{ tk}$$

$$-50 = 20 \text{ tk}$$

$$-60 = 20 \text{ tk}$$

$$10 = 20 \text{ tk}$$

$$20 = 20 \text{ tk}$$

$$30 = 15 \text{ tk}$$

$$40 = 15 \text{ tk}$$

$$50 = 10 \text{ tk}$$

$$60 = 10 \text{ tk}$$

$$10 \text{ tk} = -10, -20, 50, 60$$

$$15 \text{ tk} = -30, -40, 30, 40$$

$$20 \text{ tk} = -50, -60, 10, 20$$

$$30 \text{ tk} = 0$$