

$$\begin{aligned}
 &= \frac{\text{Insured value of Progati Insurance Company} \times \text{loss}}{\text{Total value of all the insurance companies (Progati + City)}} \\
 &= \frac{60000 \times 30000}{60000 + 40000} \\
 &= \frac{1800000000}{100000} \\
 &= \text{Tk 18000 [Ans.]}
 \end{aligned}$$

(ii) Part of the claim to be paid by City Insurance Company:

$$\begin{aligned}
 &= \frac{\text{Insured value of City Insurance Company} \times \text{loss}}{\text{Total value of all the insurance companies (Progati + City)}} \\
 &= \frac{40000 \times 30000}{60000 + 40000} \\
 &= \frac{1200000000}{100000} \\
 &= \text{Tk 12000 [Ans.]}
 \end{aligned}$$

Ans: Progaty Insurance Company Tk 18000

City Insurance Company Tk 12000

**Problem-6**

**BBA (Professional) 2013**

Consider the following information of five insurance policies:-

policy	property	Sum-insured	period	Perils covered
A	I	1000	01.01.13-	Fire
B	I	1000	31.12.13	Lightning
C	I	1000	Do	Fire
D	II	1000	Do	Fire
E	I	1000	Do	Fire
			01.01.13- 30.06.13	