Chapter 2

1. Sabuj, Dalim and Linkon are three brothers. Their father divided Tk. 6300 amongst them. Thus Sabuj gets 3/5 parts of Dalim and Dalim gets double of Linkon.

a. Determine the fourth proportional of 3, 6, 7.

b. Find how much each of them will get.

c. If the total sum of their portion is deposited, they will get interest tk.8400. Find how much interest each of them will get.

2. The ratio of income of Ponir and Robin is 4:3, and that of Tapan and Robin is 5:4. The income of Ponir is TK.12000.

a. If the first and third quantities of a continued proportion are 64 and 81, determine the mid-proportional and continued proportion.

b. Find the total income of them.

c. If income of Robin is 1000 less and income of Tapan is 800 more, find the proportion of Robin and Tapan's income.