

SECTION B: 60 MARKS

Answer **all** questions in this section.

Marks for each part of the question are indicated in brackets.

21. Below are the costs of different items.

A heap of 4 mangoes at Shs. 1,000.

A kg of rice at Shs. 5,000.

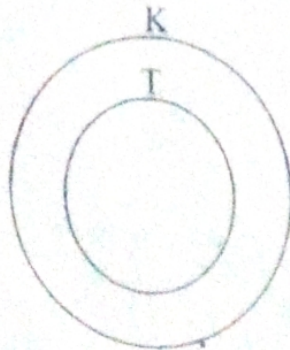
A kg of beans at Shs. 3,000

- (a) Sarah bought 8 mangoes and a kg of rice. How much money did she pay? (2 marks)

- (b) A teacher had Shs. 10,000 and she bought a kg of beans, a heap of mangoes and a kg of rice. Find her change after paying for the above items. (4 marks)

22. Given that set $K = \{d, u, c, k, s\}$
 $T = \{d, u, s, k\}$

- (a) Show the two sets K and T on the Venn diagram below. (2 marks)



- (b) Find $K \cap T$ (1 mark)
- (c) How many members are in sets K and T? (2 marks)