

## Selective Test Sample Questions – Maths

1. Diana took with her \$6200. She gave the shopkeeper \$4500 for a T.V. Set and got back \$925. With what amount did she return home?
- \$3,500.
  - \$3,225.
  - \$2,625.
  - \$3,805.
  - \$2,315.

2.



4 students are coloring the above sheet one after another. The first 3 students have already colored the sheet. How many blocks should the 4<sup>th</sup> student color so that the final number of colored blocks constitute 50% of the whole sheet.

- 0.
- 2.
- 1.
- 5.
- 3.

3.



In a Café in Sydney, there two types of Coffee which are famous in that area. One is a chocolate flavoured which costs \$20.65 and another is

vanilla flavoured which costs \$18.30. Tim was asked to bring 7 chocolate flavoured coffee and 11 vanilla flavoured coffee. Instead Tim bought 11 chocolate flavoured coffee and 7 vanilla flavoured coffee. How much extra did Tim had to pay for his mistake?

- \$11.2.
- \$13.8.
- \$7.1.
- \$9.4.
- \$12.3.

4. 6 strawberries and 10 oranges weigh 1,280 gm. 4 oranges and 6 lemons weigh 980 gm. 7 strawberries and 3 lemons weigh 685 gm. What is the weight of 5 strawberries, 5 oranges and 5 lemons?

- 1.25 kg. (Correct)
- 2 kg.
- 3.50 kg.
- 2.75 kg.
- 4.15 kg.

5. In a 'magic square', each row, each column and each diagonal add up to the same total.

In the magic square below, some of the numbers are missing. What will be the numbers?

16	3	2	—
—	—	11	8
9	—	—	12
4	15	14	1

- 11, 5, 9, 6, 10.
- 13, 5, 10, 6, 7.
- 7, 6, 12, 9, 10.
- 6, 8, 13, 5, 7.
- 13, 6, 10, 5, 9.