

Sets

From the following statements, select statements that are specifically defined as a set.

1. Those who obtained more than 100 marks in the grade 5 scholarship examination held in 2013 ☐
2. Talented singers ☐
3. Districts of Sri Lanka ☐
4. Beautiful flowers ☐
5. People who are fortunate ☐
6. Numbers between 0 and 50 which are multiples of 6 ☐
7. Characters in Sinhala language ☐
8. Species endemic to Sri Lanka ☐
9. Even numbers between 1 and 10 ☐
10. Tall trees in Sri Lanka ☐

- A** = { Days of the week }
- B** = { Prime numbers between 0 and 10 }
- C** = { Multiples of 4 between 0 and 25 }
- D** = { Letters of the word "diagram" }
- E** = { Districts of the western province }
- F** = { Digits of the number 21 412 }
- G** = { Multiples of 6 from 1 to 10 }

Select whether the following statements are true or false according to the above set.

1. "Saturday" is an element of **A**.
2. "p" is an element of **D**.
3. All the elements of **C** are even numbers.
4. Any multiple of 3 from 1 to 10 is an element of **G**.
5. "1" is an element of **F**.
6. "Gampaha" is an element of **E**.
7. "5" is an element of **G**.
8. "6" is an element of **B**.
9. "4" is an element of **C**.
10. "12" is an element of **G**.