

# Science

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(Chapter – 7) (Diversity In Living Organisms)

(Class – IX)

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## Question 1:

Why do we classify organisms?

## Answer 1:

There are millions of species on this earth. For anybody, it is impossible to study about each of them in his lifetime. Classification makes it easy to study the organisms; on the basis of certain common characters.

## Question 2:

Give three examples of the range of variations that you see in life forms around you.

## Answer 2:

Three examples of the range of variations in life forms:

- Ants, cockroaches, spiders, houseflies, etc. live in the same building. They look entirely different from each other yet all of them belong to **arthropoda**.
- Humans, monkeys, cats and dogs lives in the same neighbourhood. They look entirely different yet all of them belong to **mammalia**.
- A nearby park may show wide variety of plants; right from small grass to a giant banyan tree.