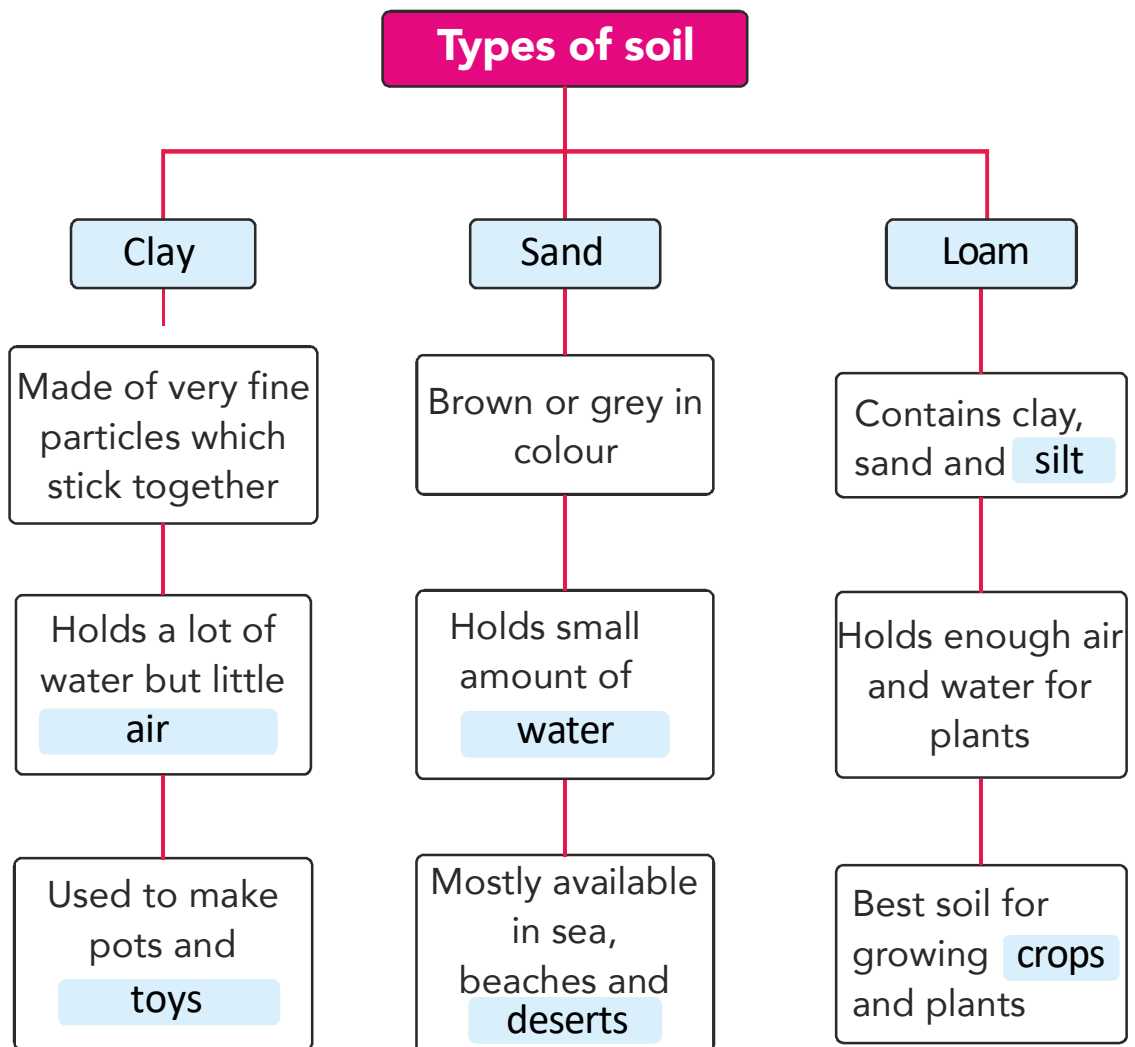


01

Big pieces of rocks are broken down by wind and water into smaller pieces till we get a fine powder. This process is called **Weathering**.

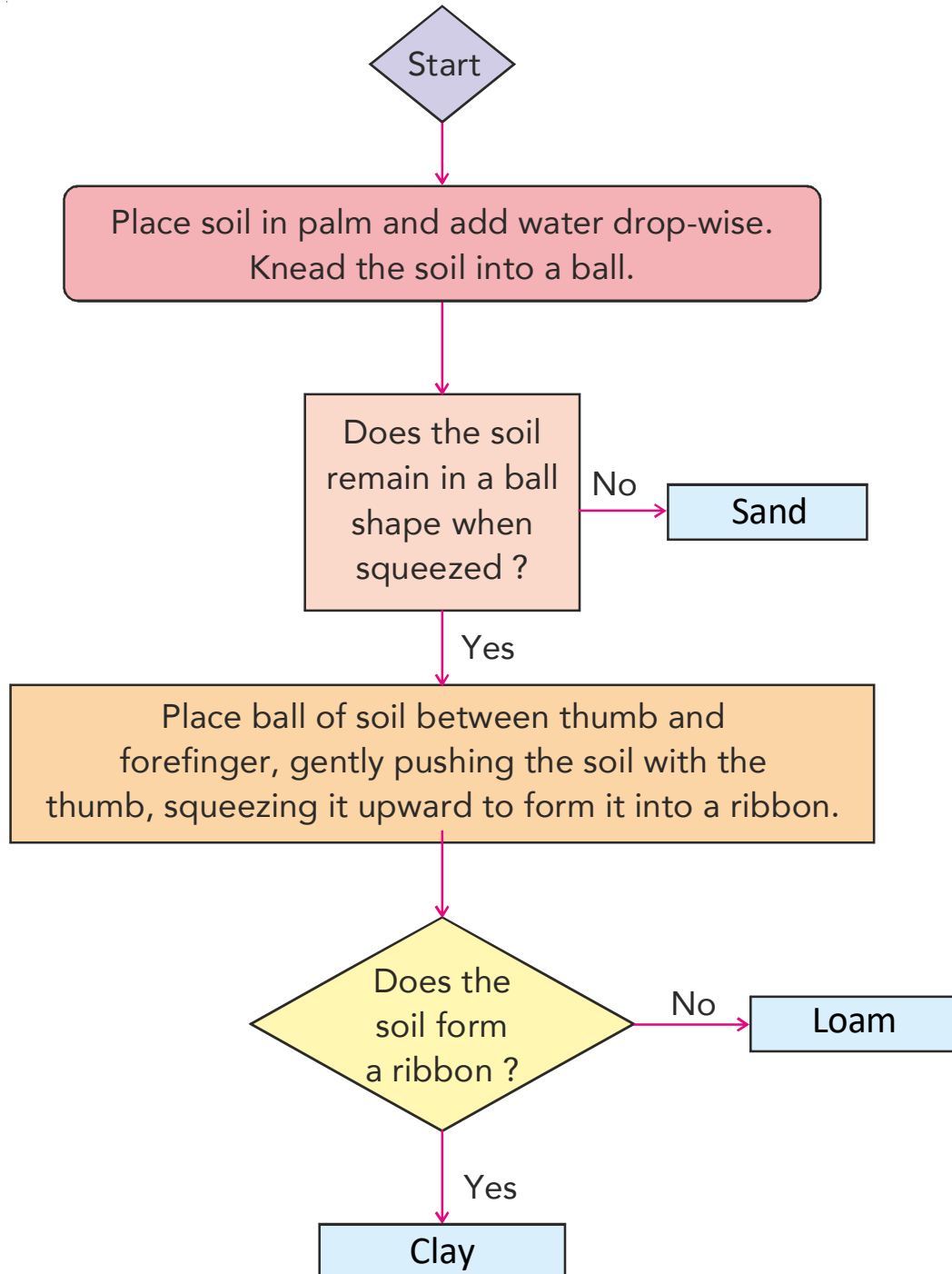
Fill in the blanks below with the words given.

air   toys   deserts   water   sand  
clay   loam   crops   humus



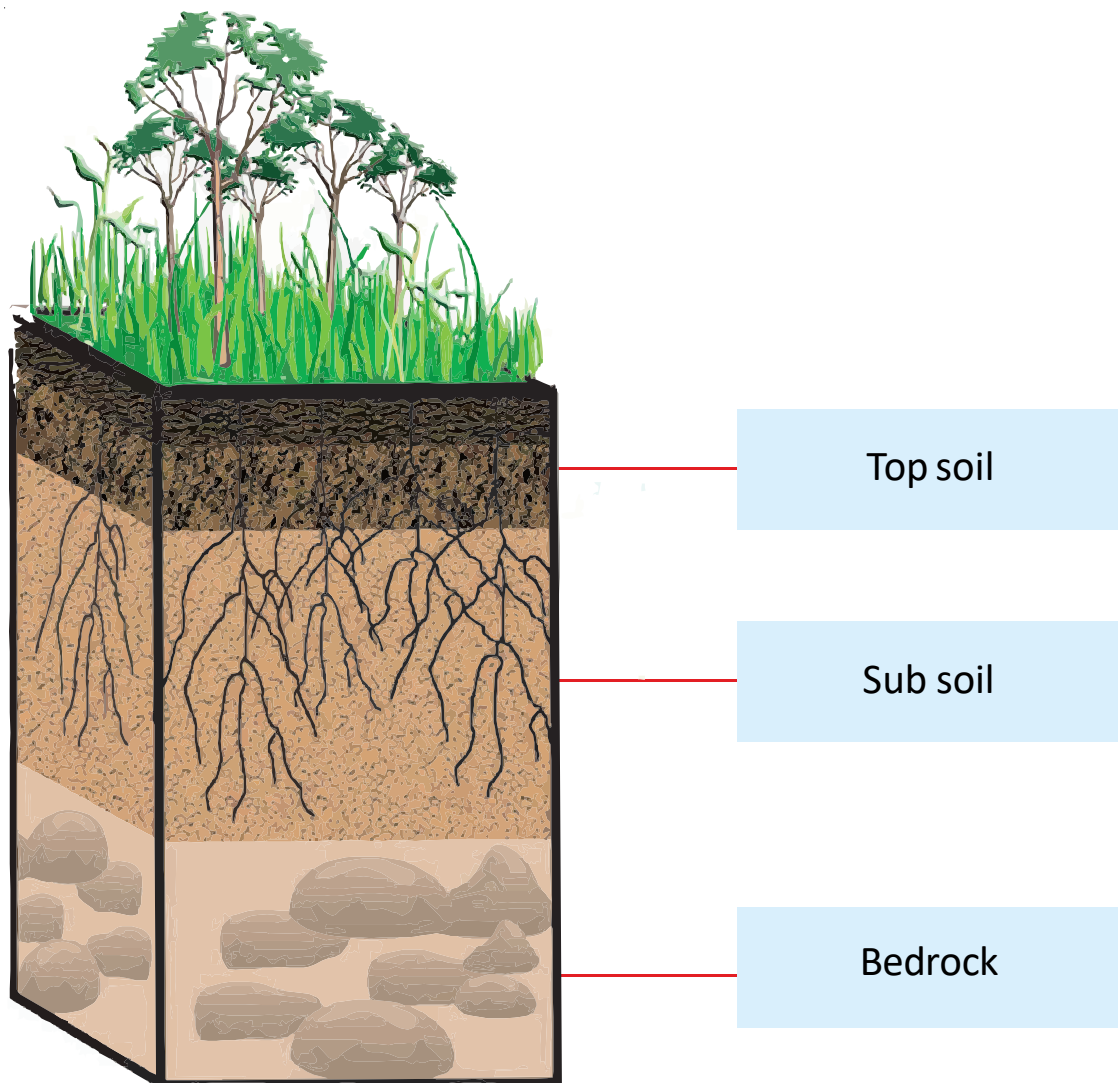
**02**

Study the given flowchart. Fill in the blanks spaces A, B and C with correct soil type - loam, sand and clay.



03

The arrangement of layers of horizons is called the soil profile.  
Label the picture with the words Topsoil, Subsoil and Bedrock.



04

I. Match the columns.

	Column A		Column B
(A)	Soil cannot hold water	1.	Loamy Soil
(B)	Soil is good for plant growth		
(C)	Soil particles are very smooth		
(D)	Soil particles are rough	2.	Sandy Soil
(E)	Soil contains mixture of clay and sand		
(F)	Soil particles have very little space between them		
		3.	Clayey Soil

A - 2	B - 1	C - 3	D - 2	E - 1	F - 3
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II. Write two differences between sandy soil and clayey soil.

Sandy Soil

a)

Soil cannot hold water

b)

Soil particles are rough

Clayey Soil

a)

Soil can hold more water

b)

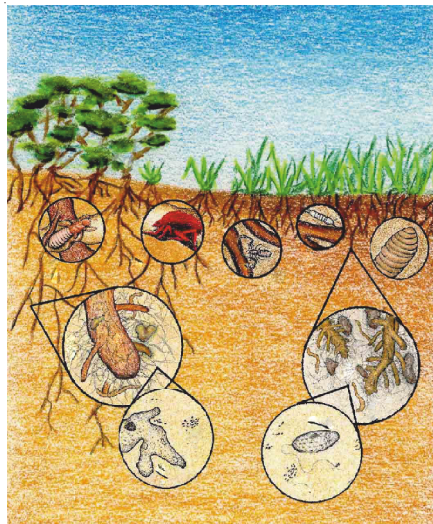
Soil particles are smooth

**05**

**The top layer of the Earth's surface, which consists of sand, remains of dead plants and animals, and minerals with some amount of water and air in it is called soil.**

**Soil** is made of the remains of dead plants animals.

**Look at the picture carefully and answer the following questions.**



- 1) What do you understand from the picture shown ?**

Soil contain organisms.

- 2) What significant role do soil organisms play ?**

Soil organisms help to add minerals by decomposing dead leaves and plants.

- 3) What is humus ?**

A substance made from dead leaves and plants by the process of decomposition by decomposers.