

7th → Living and Non-living (Subjective)

Solⁿ 1 Non living things used in daily life :-

~~Chair~~

Non-living things

- ① Chair
- ② Table
- ③ Woolen clothes
- ④ Cotton T-shirts
- ⑤ Pen
- ⑥ Newspaper

Source Organisms

- ~~wood~~ Trees
~~wood~~ Trees
Sheep
Cotton plant
Plastic (Polyethylene naphthalate)
Trees



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Solⁿ 2 The movement seen in a sunflower plant is a response to external stimuli (Light), which is known as phototropism. (*write in italics*)

Solⁿ 3 Non-green plants → *Monotropa uniflora*, *Hydnora africana*
Non-locomotive animals → *Sycon*, *Spongilla* (*italics*)

Solⁿ 4 The basic source of energy for all living organisms is ~~sun~~ ^{Sun}. Energy from sun is trapped by the photosynthetic producers (plants). This energy is transferred in the food chain from producers to herbivores to carnivores. Frog is a carnivore and it feeds on herbivorous organisms. Hence, ultimately its energy is derived from the sun.

Solⁿ 5 Two movements occurring in our body while we are asleep :-

- 1) Beating of heart for blood circulation
- 2) Peristaltic movement for food digestion

Solⁿ 6 If the egg is fertilized, it forms a zygote and is alive but remains inactive till hatched. The egg we get from a grocery shop is not alive as it is unfertilized egg.

Solⁿ 7 Refer page no. 3 { pointer 11. }

MCA's → Solⁿ 10 (c) Refer page no. 3 { pointer 7 }

Solⁿ 1 (c) A piece of dry bone was once the part of a living animal. So it is lifeless.
~~cannot be considered as a living organism~~

Solⁿ 2 (b) A glass tumbler is an example of non-living thing as it was never a part of a living organism.

Solⁿ 3 (d) Cell is the basic unit of every living organism.

Solⁿ 4 (b) Refer page no. 3 { pointer 6. }

Solⁿ 5 (d) Refer page no. 3 { pointer 8 }

Solⁿ 6 (b) Refer page no. 3 { pointer 10 }

Solⁿ 7 (a) Refer page no. 2 { pointer 5 }

Solⁿ 8 (c) Refer page no. 2 and 3 { pointer 5 and 9 }

Solⁿ 9 (a) → correct in ans key
for continuation of species, all living organisms perform reproduction.