



FEDERAL DIRECTORATE OF EDUCATION

Summer Vacation Task

General Science----Class-VI

**SESSION
2023-24**



www.fde.gov.pk

Summer Vacation Homework

Class VI

General Science

- 1) Take a cutting of rose plant, pot, scissor and sand. Cut a piece of stem having nodes and place it in soil. What will happen after some days?
 - a) Which method of artificial vegetative propagation will be used?
 - b) Can root or leaves be used for this method instead of stem?
 - c) Differentiate between natural and artificial vegetative propagation.



- 2) Look around the room you are in and identify living things and non-living things.
 - a) Which characteristics of living things did you observe?
 - b) Which characteristics of non-living things did you observe?
- 3) Answer the following questions:
 - a) Why chloroplast is not present in an animal cell?
 - b) What is the role of vascular tissue in plants?
 - c) Can you grow a plant without seed? How?
 - d) By which mechanism, varieties of rose plants are produced?
- 4) Draw and label the diagram of human digestive system. Write functions of any two organs.
- 5) Make a flowchart of six nutrients in food. Describe their sources and discuss diseases caused by their deficiency.
- 6) Make healthy and balanced diet menu for your school lunch.



Website for reference:

<https://raisingchildren.net.au/school-age/nutrition-fitness/daily-food-guides/school-age-food-groups#:~:text=School%20age%20children%20need%20to,or%20a%20lot%20of%20sugar.>

- 7) Create a model of animal and plant cell. Label all its parts.

Website for reference:

<https://youtu.be/MdhPWYKo-L0>

