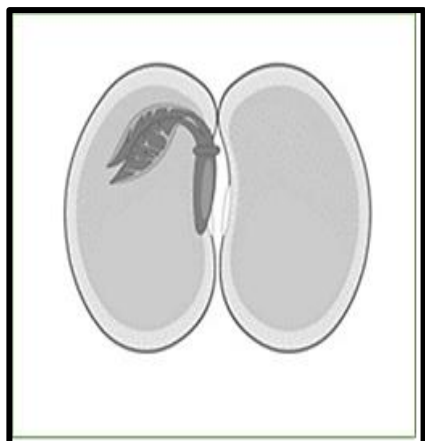


BIRLA VIDYA NIKETAN
EVS ASSIGNMENT
CLASS 5
L: 5 SEEDS AND SEEDS

A. Observe the picture, name the following parts and label them--



Type of seed: _____
The part that provides food to the embryo: _____
Outer covering of the seed: _____
Growing baby plant: _____
The growing root: _____
The growing shoot: _____

1. Dicot
2. Cotyledon
3. Seed coat
4. Embryo
5. Radicle
6. plumule

B. Choose the correct answer: (Analyze)

- 1) Ravi soaked a handful of kidney bean seeds and left them under water. He was surprised when the seeds did not germinate even after two days. The reason for the same may be
- a) Lack of water b) lack of air c) lack of warmth, water and space
- i) a) and b) are correct ii) **only b) is correct** iii) c) is correct.
- 2) Riya saw her mother collecting different types of seeds into different jars. Identify the incorrect sentence on the basis of the structures of the seeds
- a) These Kidney beans and gram are similar
- b) Corn and rice are similar
- c) **Chickpeas and wheat are similar.**
- d) Kidney beans, Chickpeas and gram are similar.

C. Identify the picture and answer the following:



- a) Name the plant. ____ Pitche plant/ Nepenthes ____
- b) What is the function of these pitcher like structures?
- Ans. The pitcher in a pitcher plant attracts and traps the prey and a digestive liquid present in it digests the insects.
- C. Name the Indian state where we can find this plant.
- ____ Assam, Meghalaya ____

D. Give reasons for the following:

- i) Seed dispersal is crucial for the survival of the species. How?
- Seed dispersal is crucial for plant survival and ecosystem health as it reduces competition for resources, expands plant distribution, and promotes biodiversity. Thus, prevents extinctions.

ii) **Spiny fruits are generally dispersed by animals and human beings. Why?**

Ans. Spines on the fruits get attached to the fur of the animals, clothes of human beings
And thus , can easily get dispersed to different places.



E. Identify the agent of dispersal in the following and state the reason:



Agent: ___water

Reason: fibrous, air filled outer covering



wind

very light weight



animals

the seeds are thrown away by animals after eating

F. Draw a fern leaf and label the spores behind the leaves.