

BIRLA VIDYA NIKETAN
I PERIODIC TEST
EVS
CLASS V

TIME :1 Hour

M.M:20

Instructions:

1. Read the questions carefully before answering.
2. Use a dark sharpened pencil and write neatly.
3. All questions are compulsory.
4. Revise your answer sheet before submitting.

Section A

1. Name the process of spreading of seeds away from parent plant. (1)

Seed Dispersal

2. What helps tigers to sense the vibrations in air? **Whiskers** (1)

3. Choose the correct answer: (1)

1. A seed has tiny hooks. This adaptation is MOST likely to help the seed in:

- (a) Floating on water
- (b) Being eaten by birds
- (c) **Sticking to animal fur or clothing** (0.5)
- (d) Germinating quickly in the soil

2. We blow into the chulha to increase the flame because:

- (a) flame gets more oxygen from our breath.
- (b) flame gets more carbon-dioxide from our breath.
- (c) **flame gets more oxygen from the surroundings.** (0.5)
- (d) flame gets more carbon-dioxide from the surroundings.

4. How do the following help animals? (2)

a) Ability to move ears in different directions.

Help to detect sounds from various directions. (0.5 + 0.5)

b) Warning calls

Help to communicate, inform about danger or other events (0.5 + 0.5)

Section B

5. What will you do to the given seeds in each condition to ensure that they germinate? (2)

Present Condition	Action undertaken	Why?
1. Seeds soaked in water kept in a refrigerator.	Keep them at normal room temperature/ Take them out of the refrigerator/ Provide warmth (0.5)	Warmth is important for seeds to germinate (0.5)
2. Dry seeds kept in an open container.	Add water to the container to soak the seeds (0.5)	Seeds get activated by absorbing water/ Water is important for germination (0.5)

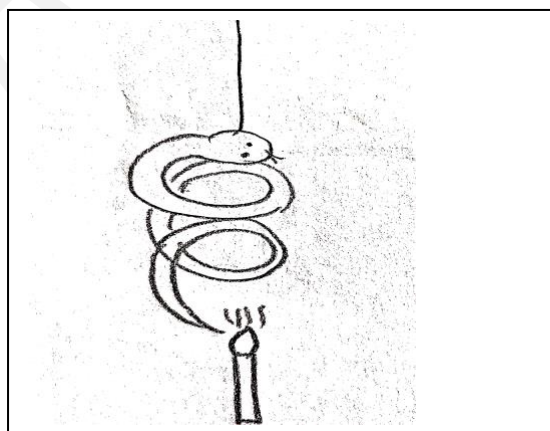
6. In which direction will the snake move?

(1+1=2)

Clockwise Direction

What property of air works behind this?

Hot air rises up



Section C:

7. Most plants can make their own food but Pitcher Plant traps insects. Why? (1)

Pitcher plants are carnivorous plants. They grow in a soil that lacks nitrogen in it. Since nitrogen is important for their growth, these plants trap insects and obtain nitrogen from them.

8. Some animals are in danger of getting extinct. Why? (Two points) (2)

Some animals are in danger of getting extinct because of habitat loss, pollution, overhunting, climate change, poaching.

These animals are killed to obtain their skin, horn, tusk etc

9. What do we observe when:

(1+1+1=3)

a) We keep a glass of cold water out on a table?

Water droplets appear on the outer surface of the glass.

b) Name the process. **Condensation**

c) After some time the water doesn't feel cold anymore. Why?

The water comes to the normal room temperature due to the exchange of heat from atmosphere to water.



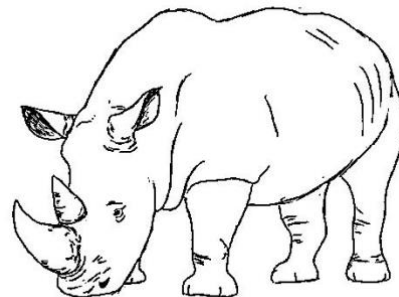
10. Observe the picture and answer the questions:

(2)



How does air help in this case?

Helps to produce sound by carrying vibration



Why is this animal hunted?

For its horn

Section D:

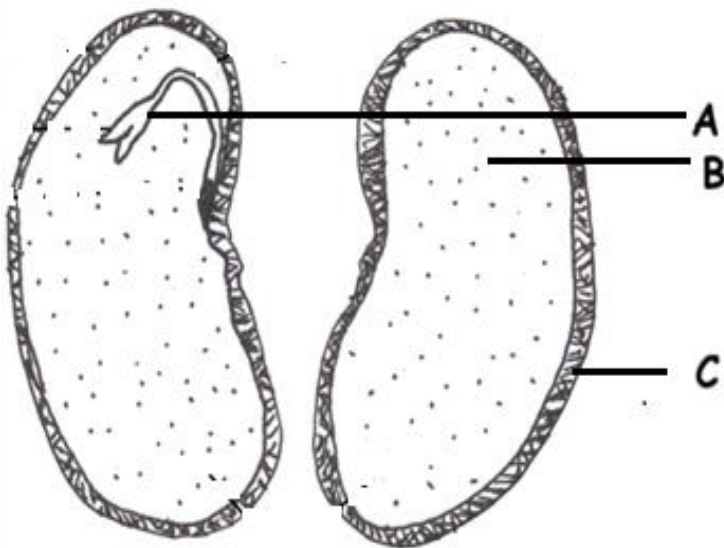
11.i) Draw and name an animal that hibernates.

(1)

Bear, Rodents, Hedgehog, Lizards etc

ii) Identify the labelled parts of a seed.

(2)



D - type of seed

A - **Plumule/Embryo**

B- **Cotyledon**

C-**Seed coat**

D- **Dicot Seed**