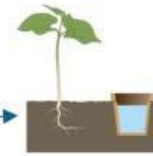
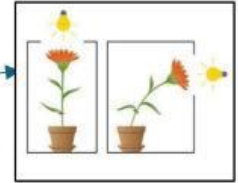


Grade 4 Science- Mock Exam-2

Part-1-Choose the correct option



1. Which type of tropism is shown in the picture?
a. Phototropism b. Hydrotropism c. Thigmotropism d. gravitropism
2. Pine Trees can reproduce with-----that produce pollen or a sticky liquid that captures pollen.
a. Cones b. Stamens
3. Which type of tropism is shown in the picture?
a. Phototropism b. Hydrotropism c. Thigmotropism d. gravitropism



4. What is mimicry?
a) An animal sleeping for a long time
b) An animal looks like another animal to stay safe
c) An animal changing color
d) An animal flying in a group
5. What is an adaptation?
a) A way an animal eats
b) A special feature that helps an animal survive
c) A kind of habitat
d) A pet trick
6. Which animal uses camouflage to hide in the snow?
a) Polar bear b) Zebra c) Tiger d) Parrot
7. Nocturnal animals can see better at night because their _____ is dilated and allows more light to reach the back of the eye.
a) Cornea
b) Retina
c) Pupil
d) Optic Nerve
8. Where are the eyes of a prey animal usually located on its head?
a) On the front
b) On the top
c) On the sides
d) On the bottom
9. You touch a hot pan and pull your hand away very fast before you even think about it. What is this fast action called?
a) Reflex action
b) echolocation
c) Spinal cord
d) Peripheral nerve
10. Which of these is NOT a non-renewable resource?
a) Oil
b) Natural gas
c) Coal
d) Air



Nocturnal eye



Diurnal eye

11. Natural gas is mainly used for:

- a) Flying kites
- b) Cooking and heating
- c) Making paper
- d) Growing plants

12. A town has hot water and steam underground. Which type of energy can people get from this heat?

- a) Solar energy
- b) Wind energy
- c) Geothermal energy
- d) Water energy

13. A sunny desert town needs a renewable power plant. They want a clean energy source that will never run out. Which energy source is best for this location?

- a) Coal Power
- b) Hydro Power
- c) Solar Power
- d) Wind Power

14. Which energy source uses heat from underground?

- a) Solar energy
- b) Wind energy
- c) Hydropower
- d) Geothermal energy

15. Which of the following is the best way to save energy?

- a) Leave lights on
- b) Turn off unused devices
- c) Waste water
- d) Use more plastic

Part-2-Writing Based Questions

1. Match each word from the list above with the correct meaning in the table below.

Adaptation	Hydrotropism	Stimulus	Gravitropism
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_____	A change in the environment that causes an organism to respond.
_____	When a plant grows toward the pull of gravity
_____	A physical trait or behavior that helps an organism to survive in its environment.
_____	When a plant's roots grow toward water.

2. A. Write **internal** or **external** structures to each picture.









B. Choose any 4 Internal structures

Feather	Heart	Scales	Lungs
Stomach	Claws	Brain	Beak

3. A. Fill in the blanks using the following words.

camouflage, mimicry, migration, hibernation,

1. A stick insect looks like a twig to protect itself from predators. This is an example of _____.
2. Bears sleep for a long period during winter to save energy. This is called _____.
3. Some animals change their body color or patterns to blend with their surroundings. This is called _____.
4. Birds travel to warmer places during winter. This movement is called _____.

B. 1- Look at the photos. What kind of adaptations does the milk snake have?



The milk snake is showing _____ adaptation (mimicry/ hibernation/camouflage)

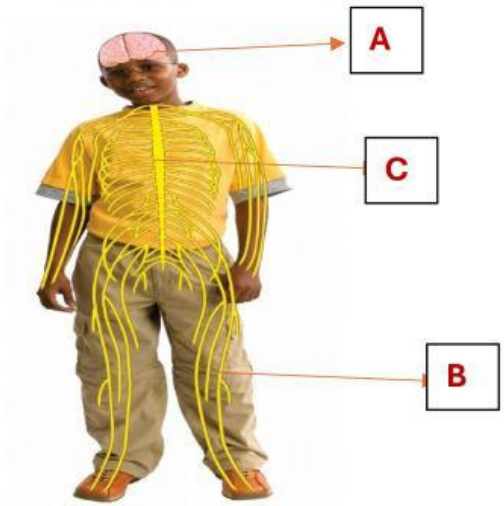
2- Look at the photos. What kind of adaptation does tree snake have?



The tree snake is showing _____ adaptation. (mimicry/ hibernation/camouflage)

4. Label the parts of nervous system

Spinal Cord	Nerves	Brain
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The diagram shows a human figure with the nervous system highlighted in yellow. Label 'A' points to the brain, 'C' points to the spinal cord, and 'B' points to the peripheral nerves.

A	
B	
C	

4. State True and False

1. Coal, oil, and natural gas are nonrenewable resources. _____
2. Nonrenewable resources can be replaced naturally in a short time. _____
3. Biomass energy is a nonrenewable energy source. _____
4. Coal is a renewable resource because it can be made quickly in nature _____
5. Burning fossil fuels can cause air pollution and release greenhouse gases. _____