

## Grade 4 Science- Mock Exam-1

### 1. Choose the correct option

- 1. A plant is not getting enough water because one part of it is damaged. Which plant structure is most likely damaged?**  
a) Root      b) Stem      c) Leaves      d) Flower
- 2. What is the main job of a flower?**  
a) To grow roots  
b) To make seeds (reproduction)  
c) To breathe in water  
d) To make food using sunlight
- 3. Why do some animals hibernate in winter?**  
a) To play in the snow  
b) To find more food  
c) To stay warm and save energy  
d) To travel south
- 4. A rabbit has food and water but no shelter or space to move safely. Which statement best explains what may happen?**  
a) The rabbit will survive normally.  
b) The rabbit may not survive because some basic needs are missing.  
c) The rabbit only needs food to survive.  
d) The rabbit only needs water and shelter.
- 5. Which fuel is made from dead plants and animals over millions of years?**  
a) Solar energy  
b) Fossil fuel  
c) Wind energy  
d) Water energy
- 6. Why should we save non-renewable resources?**  
a) They are very cheap  
b) They are unlimited  
c) They can run out one day  
d) They are easy to find
- 7. What happens if we use too many non-renewable resources?**  
a) They grow faster  
b) They disappear forever  
c) They become renewable  
d) Nothing happens
- 8. A country wants to use an energy source that has formed over millions of years but cannot be replaced quickly. Which source are they describing?**  
a) Solar Energy  
b) Fossil Fuel  
c) Wind Energy  
d) Biofuel
- 9. Trees can grow back in a few years, but coal takes millions of years to form. Why is wood from a tree called a renewable resource?**  
a) Because it runs out very quickly.  
b) Because it grows back fast in nature.  
c) Because it is a fossil fuel.  
d) Because you can never grow them again.

10. A village is located near a fast-flowing river and wants to generate electricity. Which energy source would be most suitable?

- a) Sunlight
- b) Windpower
- c) Hydropower
- d) Heat from Earth

11. Why is habitat loss dangerous for animals?

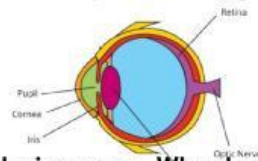
- a) They get more food
- b) They lose shelter and food
- c) They become faster
- d) They get more space

12. You are designing your bathroom window. You want sunlight to come inside, but you do not want neighbors to see you. Which material should you choose?

- a) Wood
- b) Glass
- c) Frosted Glass
- d) Metal

13. Which structure is at the back of the human eye where light through the lens is focused?

- a) Iris
- b) retina
- c) Cornea
- d) pupil



14. A butterfly lands on several leaves before laying eggs. Why does it use its feet to taste the leaves?

- a) To check if the leaves are good place to lay eggs
- b) To measure the size of the leaf
- c) To clean its feet
- d) To scare away predators

15. Why is the brain considered the control center of the body?

- a) Because it pumps blood.
- b) Because it digests food
- c) Because it receives and interprets the message.
- d) Because it filters the waste

## 2. Writing Based Questions

1. Match the columns

Stem

Helps the plant reproduce.

Root

Makes food for the plant using sunlight

Flower

Contains seeds and protects them.

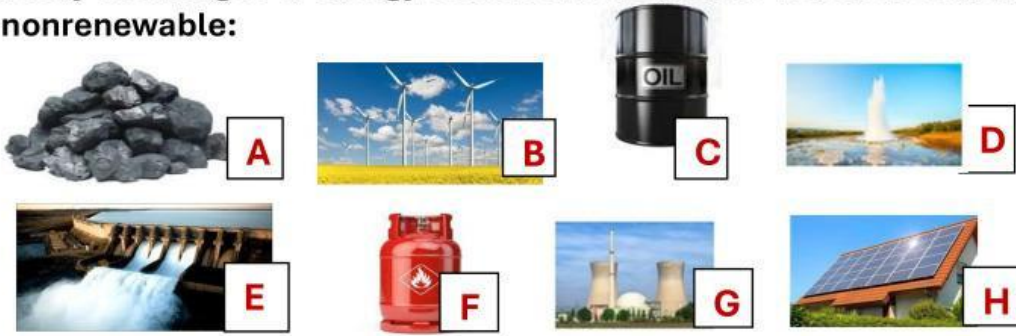
Leaves

Carries water and nutrients to other parts of the plant.

Fruit

Anchors the plant and absorbs water and minerals from the soil.

2. Classify the images of energy sources in the picture below as either renewable or nonrenewable:



Renewable Energy	Nonrenewable Energy
_____	_____

3. Fill in the blanks using the following words.

Reduce	Solar Energy	Reuse	Recycle
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- A factory breaks down old plastic bottles to make a new park bench. This is how we .....  
.....
- Roof panels catch sunlight and change it into electricity for a home. The family uses .....  
.....
- A school stops using paper and does all quizzes on computers. They choose to .....  
waste.
- A student puts colored pencils inside an old shoebox instead of buying a new container. This is a great way to ..... old things.

4. Write the numbers of the pictures.



(.....) Camouflage	(.....) Migration	(.....) Mimicry	(.....) Hibernate
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## 5. Fill in the blanks using words

nervous, feet, echolocation, reflex, peripheral,

1. A \_\_\_\_\_ is a quick action, controlled by spinal cord.
2. \_\_\_\_\_ is the process of finding an object by using reflected sound of echoes.
3. The \_\_\_\_\_ system controls and coordinates all body activities.
4. \_\_\_\_\_ nerves carry messages between the central nervous system and the rest of the body.
5. Butterflies use their \_\_\_\_\_ to taste leaves before laying eggs.