



EBHS KIKHANZA HOMESCHOOLING BOGOR

"More Knowledgeable, Creative, and Independent"

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Name : _____ Grade: _____

Subject: _____ Teacher: _____

FINAL EXAM SCIENCE ACADEMIC YEAR 2023/2024 JUNE, 2024

I. Circle the correct answer!

A. Animal life cycles

- 1 Animals without backbones are called _____.
a vertebrates
b invertebrates
c reptiles
d mammals
- 2 Amphibians go through _____. This means that they have different body structures at different points in their lives.
a pollination
b segmentation
c moulting
d metamorphosis
- 3 The young of a frog that hatches from an egg is called a _____.
a larva
b froglet
c tadpole
d cocoon
- 4 A caterpillar's skin does not stretch as it grows. It sheds its skin through _____ for a new skin to grow.
a hatching
b cocooning
c pollination
d moulting
- 5 The process of laying eggs in water and also releasing sperm to fertilise them in the water is called _____.
a pollination
b spawning
c hatching
d metamorphosis



B. Light sources

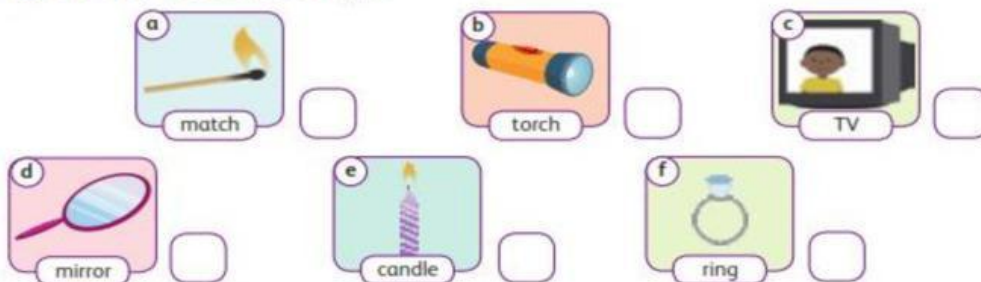
- 1 Which is not a light source?
a street light b fireworks c Sun d mirror
- 2 Which light source gives us bright light?
a glow-worm b car headlamp c digital watch d lit match
- 3 Objects that allow light to easily pass through them are called _____.
a opaque b translucent c transparent d reflective
- 4 Tracing paper is translucent. Why?
a You can see through translucent materials, but not very clearly.
b You can clearly see through a translucent material.
c You cannot see through translucent materials.
d You can only sometimes see through translucent materials.
- 5 Which of the following is a natural light source?
a torch b glow-worm c bulb d candle
- 6 A green leaf absorbs all the colours of light except _____.
a red b blue c green d yellow

II. Follow the instructions below!

- 1 Write N for natural light sources.
- 2 Write A for artificial light sources.



- 1 Tick (✓) the sources of light.



III. Follow the instructions below!

A. Fill in the blank with these words

light rays opaque medium prisms
primary refraction white

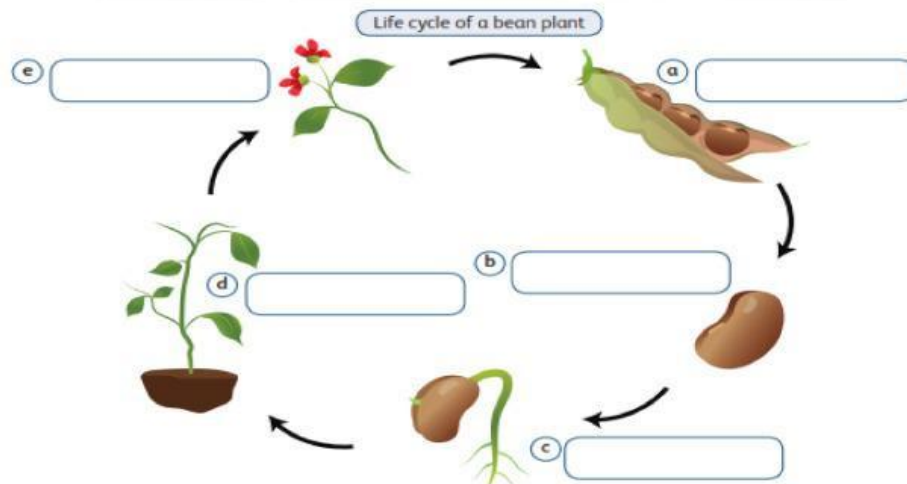
- a The bending of light is called _____.
- b The light we see is _____ light.
- c White light is separated into its component colours by _____.
- d We can see through transparent materials, but we cannot see through _____ materials.
- e Straight lines of light are called _____.
- f Red, green and blue are the _____ colours of light.
- g Light is refracted when it moves from one _____ to another.

B. Draw and match these words!

eyebrow eyelashes eyelid iris pupil



seed dispersal fertilisation flowering growth germination



IV. Answer these questions below!

1. We can see the moon in the night because? _____

2. What natural light sources do you know? _____

3. Write for artificial light sources do you know? _____



4. What do you notice about the picture above, about the sunlight shining through the trees?

5. A. Microscope is a tool to helps us to see ? _____

B. Telescope is a tool to helps us to see? _____