



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

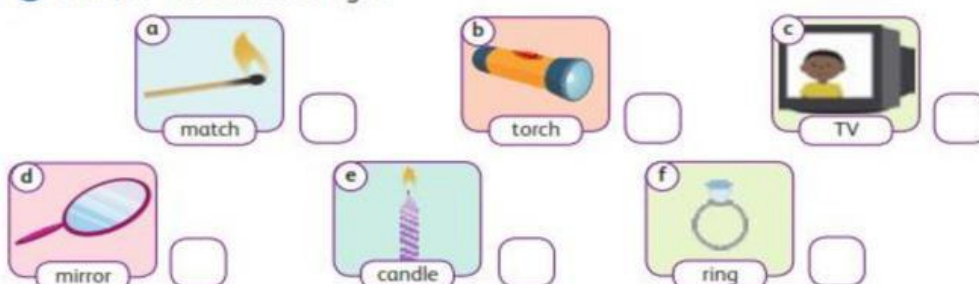
- 1 Which is not a light source?
a street light b fireworks c Sun d mirror
- 2 Which light source gives us bright light?
a glow-worm b car headlamp c digital watch d lit match
- 3 Objects that allow light to easily pass through them are called _____.
a opaque b translucent c transparent d reflective
- 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.

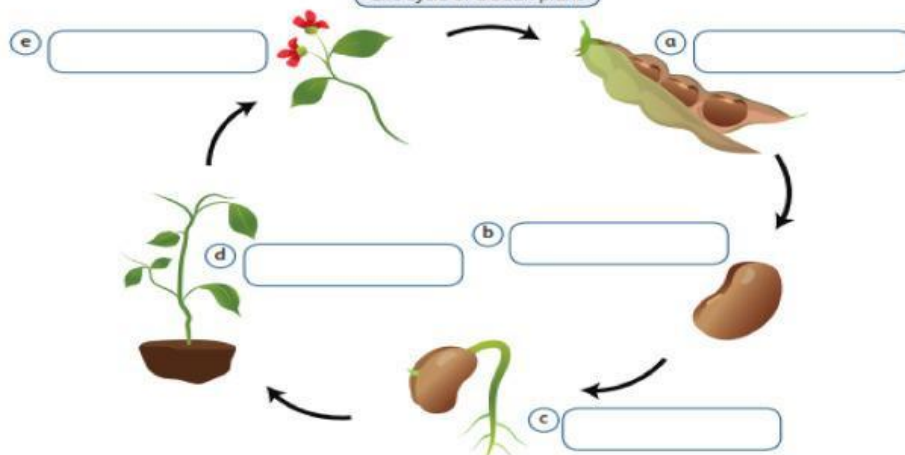
B. Draw and match these words!

eyebrow eyelashes eyelid iris pupil



seed dispersal fertilisation flowering growth germination

Life cycle of a bean plant



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? _____