

## Ek Burapa School

### G5 Science Exam – Semester 2 Final 2025/26

Name: \_\_\_\_\_ Grade: 5 / \_\_\_\_\_ No: \_\_\_\_\_ Score: \_\_\_\_\_ / 20 (40 divided by 2)

Subject: OIC International Science, Grade 5

(This exam consists of 4 pages)

Date: \_\_\_\_\_ /02/ 2026.

#### A. Flowering Plants, Unit 1 & Life Cycle of Animals, Unit 2

Please use words from the word box in the spaces below. (16 marks)

germination	Growth	non-living	seed dispersal	fertilization	movement
anther	stigma	mammals	adolescent	Reproduction	pollination
life cycle	cotyledon	tadpole	vertebrate		

1. Movement of seeds from 1 place to another via wind, water and animals is \_\_\_\_\_.
2. The very top of the male part of a flower (containing pollen) is the \_\_\_\_\_.
3. The food store of a seed is called the \_\_\_\_\_.
4. The process of a seed starting to grow is called \_\_\_\_\_.
5. The offspring of a frog is called a \_\_\_\_\_.
6. When a male 'sperm cell' and a 'female egg' join together to form a life - \_\_\_\_\_.
7. A young person in the process of becoming an adult is called an \_\_\_\_\_.
8. A species with a backbone (spine) is called a \_\_\_\_\_.
9. Ecosystems are habitats with both 'living' and '\_\_\_\_\_' things.
10. \_\_\_\_\_ is how living things make babies & continue their species (2 ways – sexual, asexual).
11. \_\_\_\_\_ is a very important life process for all living things. All living things move.
12. The 'sticky' part of a flower's female reproductive part is called the \_\_\_\_\_.

13. Reproduction, birth, growth, adulthood and death represents a \_\_\_\_\_.

14. \_\_\_\_\_ is the irreversible increase in a plant's size through cell division and enlarging.

15. Warm-blooded animals with backbones, hair and lungs are called \_\_\_\_\_.

16. A plant's process of moving pollen from the anther to the stigma to begin the reproductive process is called \_\_\_\_\_.

**B. Properties/Changes of Materials, Unit 3 & Earth and Space, Unit 4**

**Please write the letter "T" for True, or the letter "F" for False. (12 marks)**

- a. The following are all materials: wood, cloth, iron, aluminum. \_\_\_\_\_
- b. Magnetism is a 'property' of some kinds of metals, including 'iron.' \_\_\_\_\_
- c. An 'irreversible' change in a material means that it cannot be turned back to its original form. \_\_\_\_\_
- d. There is a very tiny bit of 'gold' inside our smartphones. \_\_\_\_\_
- e. Chemical reactions always make 'new' materials. \_\_\_\_\_
- f. Baking a cake is a 'reversible' change. (*The components can be returned to original form.*) \_\_\_\_\_
- g. The 'simple' definition of a shadow is the 'absence of light.' \_\_\_\_\_
- h. The Earth takes 1 day to orbit the Sun, spinning as it goes. \_\_\_\_\_
- i. Flat Earthers believe that the Earth is 'flat' and 'gravity' does not exist. \_\_\_\_\_
- j. The Sun moves across the sky 1 time every 24 hours. \_\_\_\_\_
- k. Our Solar System consists of 4 'rocky planets' and 4 'gaseous planets.' \_\_\_\_\_
- l. Some planets are so far away that if people on those planets were looking at us now, they might see the pyramids being built! \_\_\_\_\_

### C. Forces in Action, Unit 5

Choose the correct word and enter it on the space provided. (12 marks)

1. *The invisible force that slows down a parachute falling to Earth is called \_\_\_\_\_.*  
a) water resistance      b) drug      c) air resistance
  
2. *\_\_\_\_\_ is caused by 2 objects rubbing together and slowing down any movement.*  
a) Friction      b) Fiction      c) Faction
  
3. *The force that pulls every object down to Earth, measured in kgs. and lbs. is \_\_\_\_\_.*  
a) air resistance      b) newtons      c) gravity
  
4. *A \_\_\_\_\_ is an object kept in constant orbit by the gravity of a larger object.*  
a) plane      b) satellite      c) lever
  
5. *\_\_\_\_\_ is a relationship between the movement of an object based on the distance travelled and time.*  
a) Speed      b) Travel      c) Orbit
  
6. *The shape of both fish and birds allow them to move relatively easily. This shape is referred to as: \_\_\_\_\_.*  
a) streamlining      b) shapely      c) quick response
  
7. *Levers, pulleys and wheels are considered to be \_\_\_\_\_ machines.*  
a) complicated      b) easy      c) simple

8. Most scientists agree that the most important human invention was the \_\_\_\_\_.

- a) telephone
- b) computer
- c) wheel

9. Some simple machines multiply the force of human hands. Scissors, bottle openers seesaws, and claw hammers are examples. They are all \_\_\_\_\_.

- a) parachutes
- b) inclines
- c) levers

10. The forces that act on objects are shown in 'force' diagrams using \_\_\_\_\_.

- a) bullet points
- b) capital letters
- c) arrows

11. The planet with the lowest gravity is \_\_\_\_\_.

- a) Earth
- b) Jupiter
- c) Mercury

12. Even walking creates \_\_\_\_\_ between your shoes and the floor.

- a) friction
- b) gravity
- c) drag

Final Score \_\_\_\_\_ /20 (40 divided by 2)

Teacher Bill

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