

Ek Burapa School
G5 OIC Science Final Exam – February 2026.

Name: _____ **Grade:** 5 / **No:** _____ **Date:** _____ /02/2026.

Unit 1 "Flowering Plants" and Unit 5 "Forces in Action" OIC Science – 2nd Edition
(This exam consists of 3 pages) **Score:** _____ / **20** (40 divided by 2)

A. Choose a word from the Word Box and enter it on the line: (15 marks)

friction	gravity	streamlined	simple	satellite	air resistance	orbit	newtons
seed dispersal	irreversible	stigma	life cycle	pollen	color	germination	

1. The invisible force created when 2 objects rub against each other is _____.
2. The invisible force that 'pulls' everything down to the Earth is _____.
3. The distributing of seeds by air, water and animals is termed: _____.
4. The sticky, female part of a flower that receives the pollen is the _____.
5. Growth from an egg, to a child, to an adolescent, to an adult is called the _____.
6. The yellowish-brown powder that is found on the anther of a flower is _____.
7. The very beginning of growth from a seed embryo is called _____.
8. A parachutist will encounter _____ when descending from the sky.
9. The invisible path that each planet takes around the Sun is called an _____.
10. In all chemical reactions the components cannot return to their original form. This is called an _____ change.
11. An object which is kept in orbit around a 'larger' object by the gravity of that larger object is called a _____.
12. We calculate the weight of objects in outer space in _____.
13. An object that is shaped to travel efficiently through either water or air is said to be _____.
14. Insects are attracted to flowers by their 'scent' and their '_____.'
15. Devices such as levers, pulleys and can openers are called _____ machines.

B. Choose the correct word and enter it on the space provided. (15 marks)

1. Most watermelon seeds are dispersed through an animal's _____.
a) nervous system b) digestive system c) growth

2. New plants can be formed by taking cuttings of a plant, but the main way plants reproduce is by planting _____.
a) cuttings b) fruit c) seeds

3. We can think of '_____' as the 3rd stage in the life cycle of a plant.
a) young Plants b) adult plants c) seedlings

4. Plant seeds have a tiny '**food store**' within them that is called a _____.
a) core b) cotyledon c) stalk

5. The force of gravity on the Moon is _____ than the gravity on Earth.
a) more b) less c) the same as

6. On Earth, a mass of 1 kg weighs about 10 _____.
a) pounds b) ounces c) newtons

7. On larger planets the gravity is so strong that a person would weigh much _____.
a) less b) more c) about the same

8. A long, thick force 'arrow' indicates a greater _____ is present.
a) object b) mystery c) force

9. Rough surfaces create more friction than _____ surfaces.
a) round b) smooth c) rocky

10. The surface area of an object (like A4 paper) causes _____ air resistance than a 'balled-up' piece of A4 paper.
a) more b) less c) equal

11. A similar force, and a synonym of 'air resistance' is _____.

a) rubbing b) slowing down c) drag

12. _____ is the relationship between distance covered and time.

a) Speed b) Drag c) Descent

13. The male part of a flower consists of the filament and the _____.

a) stigma b) ovary c) anther

14. _____ is when pollen from 1 plant drops onto the stigma of a plant of the same kind.

a) Germination b) Pollination c) cross-pollination

15. The carpel (female part of a flower) is made up of the stigma, the style, and the _____.

a) stem b) receptacle c) ovary

C. Please write True or False in the spaces provided.

(10 marks)

1. Some plants can pollinate themselves. _____
2. The first stage in the 'life cycle' of a plant is the 'seeds.' _____
3. Plants that die off each year are called **annuals**. _____
4. The most common place a plant grows is soil. _____
5. Seeds do **not** need light to begin germination. _____
6. Race cars and rocket ships are designed to be aerodynamic. _____
7. Magnetism is an invisible force that pulls 2 metal objects together or pushes them apart. _____
8. A force multiplier (like a lever or a can opener) means you use less effort. _____
9. A pound of feathers will fall to the ground slower than a pound of sand. _____
10. The weight of a human is measured in **kg**, and the weight of salt in **grams**. _____