

Answer Science Grade 4 Semester 1 Book Part 1 Review

NAME _____ GRADE 4/____ DATE..../11

Q1: Fill each blank with the best term from the list: for all chapters:

ضع الكلمة بجوار التعريف (Scientific method / experiment / hypothesis / Variable)

1-A process that scientists use to answer questions **Scientific methods**2-Is something that changes or varies **Variable**.3-A **Hypothesis** statement that can be tested to answer questions.4-An **Experiment** is a scientific test that can be used to support a hypothesis.

ضع الكلمة بجوار التعريف (Cell / kingdom / viruses / organ / organism / tissue)

1. The smallest unit of living matter is a **Cell**2. The largest group into which an organism can be classified is a **Kingdom**3. Tissues group together to form a(n) **Organ**.4. A group of similar cells that do a job together is called **Tissue**.5. Anything that can carry out the five basic life functions is a(n) **organism**6- A(n) **viruses** is a non-living particle that depends on and infects the cells of an organism.B1: Fill in the missing words. Use the words below to help you:

ضع الكلمة بجوار التعريف (Cell wall/ chloroplasts / different / nucleus)

1-Animal cells and plant cells are **different**2-The plant cell has **Chloroplast** and **a cell wall**3-The **Nucleus** is the brain of the cell.B2: Fill in the missing words. Use the words below to help you: ضع الكلمة بجوار التعريف (Reproduction / oxygen / controls/ chloroplast / energy).1-All living things need a gas, it is found in air and in water, it is **Oxygen**

2-To make more of the same kids from living things is reproduction

3-Most plant cells have green parts called **chloroplast** it help Plants to make Food.4- A nucleus **controls**. the cell activates.5- Mitochondrion It gets **energy** from food.رتب مستويات التنظيم للجسم

{ tissue cell system organ }

1- **Cell** 2- **Tissue** 3- **organ** 4- **system**

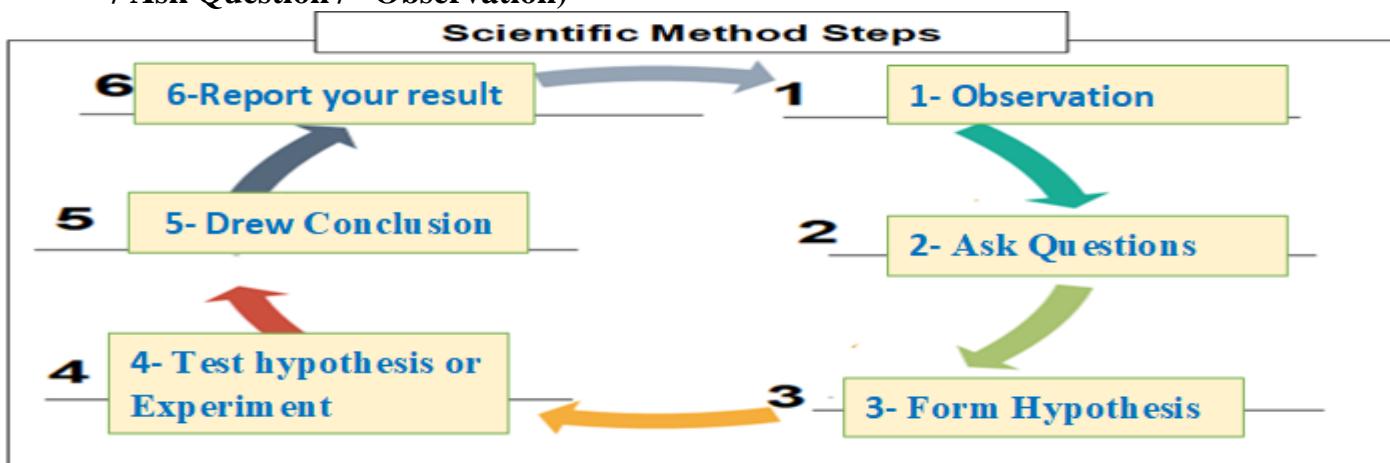
ضع الكلمة بجوار التعريف

C-(Digestive system / metamorphosis / Oxygen/ nervous system / instinct / heredity)

1. Food is broken down by the **Digestive system**
2. Butterflies go through a process of change called **metamorphosis**
3. The brain and sense organs are part of an animal's **Nervous system**.
4. Traits are passed from parent to offspring through **heredity**
5. **A instinct** is a behavior that an animal does not have to learn.
- 6- Red blood cells carry **oxygen** through the body.

Q2: Reorder the scientific Method steps and write on diagram below:

1. (Report your result / Test hypothesis or Experiment / / drew Conclusion/ Form Hypothesis / Ask Question / Observation)



Q3 : Match group A to correct answer from Group B:

Group A

- 1-Cell wall
- 2-Mitochondrion
- 3-Nucleus
- 4-Cell Membrane
- 5-Chloroplast
- 6-Cytoplasm
- 7-Vacuoles

Group B

- (5)Food factory in plant cell has chlorophyll
- (6)Filling cell, jelly, mostly water.
- (7)Stores cell food, water, wastes.
- (1)Protect & support plant cell.
- (2)Food is burned in it to give energy.
- (3)Controls all cell activities.
- (4)Thin covering outside animal cell, after cell wall in plant cell.

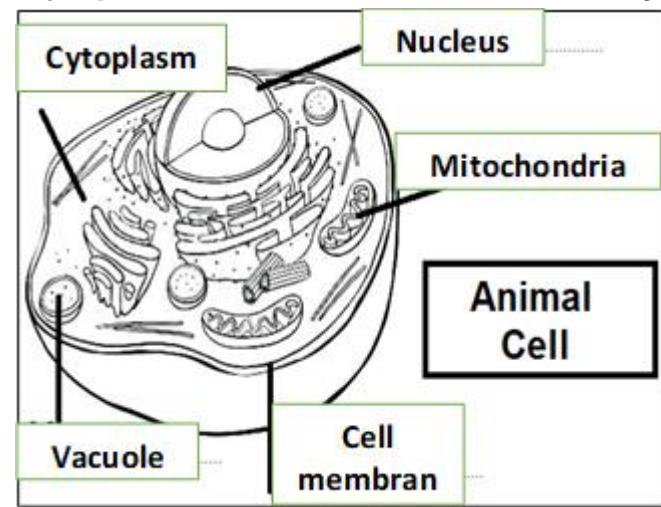
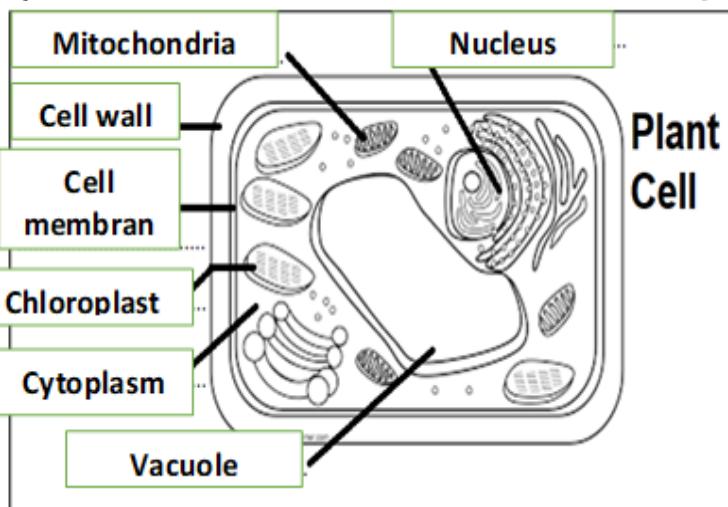
Q4 : What is these organisms' Genus and Species Name? (Binomial name)

- 1- *Phoenix dactylifera*
- 2- *Felis catus*

Genus	<i>Phoenix</i>	<i>Felis</i>
Species	<i>dactylifera</i>	<i>catus</i>

ضع اسم التركيب بمكانه المناسب:

{ Cell wall / Nucleus / Mitochondria / Chloroplast / Cytoplasm / Cell membrane / Vacuole }

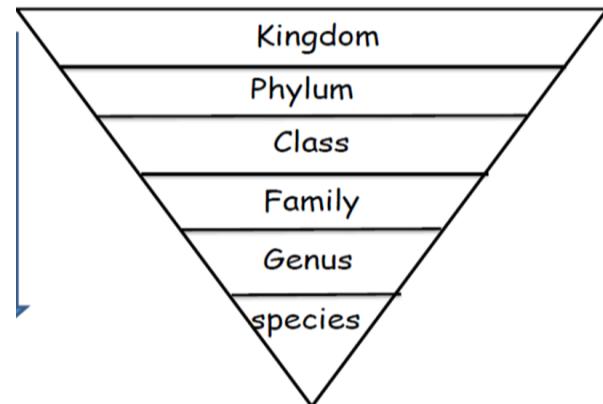


Q6 : Put the words in order of grouping from

largest to smallest: رتب مستويات تنظيم المملكة

(Kingdom / Family / Species

/ Order / Class / Phylum / Genus)



Kingdom	Archaea	Bacteria	Protista	Fungi	Plants	Animals
Number of Cell	1	1	1 or more	1 or more	many	many
Nucleus	No	No	yes	yes	yes	yes
Food	Make food, get from other organisms.	Make food, get from other organisms.	Make food, get from other organism s.	get from other organisms.	Make their own food,	get from other organism s.
Move	yes	yes	yes	No	No	yes
Example		bacteria	Mushroom / yeast	Algae/ paramecium	trees	Lion/ camel

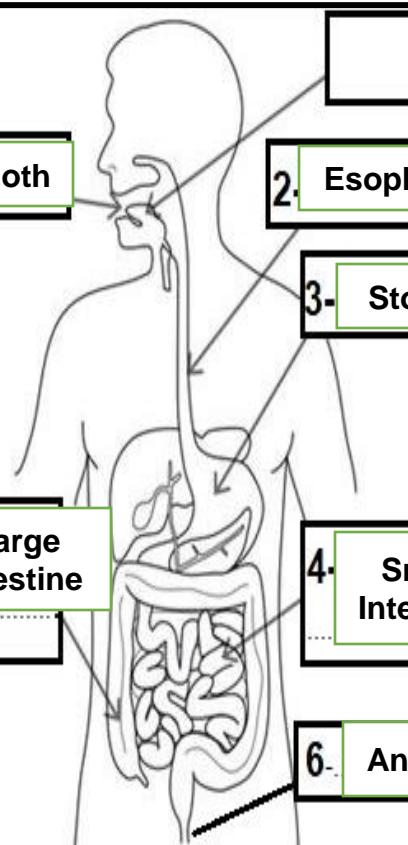
Q7 : Write the name of system: اكتب اسم الجهاز بمكانه الصحيح

	System Name	Organ	Function / importance
1	Skeleton System	Bones	Supports a body, protects organs inside in the Vertebrates.
2	Muscular System	Muscles Tissue	Movement. pull on the bones.
3	Nervous System	Brain/ spinal cord/ Nerves/ sense organs.	Control all body.
4	Respiratory System	1-Gills 2-Lungs 3-Skin	Bring O ₂ to the blood and removes wastes, like CO ₂
5	Circulatory System	Heart, blood, blood, vessels.	Move blood through body
6	Excretory System	Liver, kidneys bladder, skin, lungs.	Remove the wastes from body.
7	Digestive System	Different. But In Human:	Break down food.

Q8 : fill the missing words: اكتب اسم العضو على شكل الجهاز الهضمي و اكمل

الجدول

Label the parts of the digestive system and colour all parts with different color, comple the table with corret answer.



1. Mouth	2. Esophagus	Digestive System	Main Function
	3. Stomach	Mouth	Chewing and breaking down food
Large Intestine		Esophagus	Swallowing and transporting food.
	4. Small Intestine	Stomach	Acidic juices help break down food more
	5. Large Intestine	Small Intestine	Nutrients are absorbed into ... Blood
	6. Anus	Large Intestine	Unused food

17-What remove solid waste from unused food?

c) Stomach

B) large intestine

c) mouth

18-Mushrooms are in the kingdom of:

a) animals

b) plants

c) fungi

19-Which two kingdoms do NOT have a nucleus?

a) fungi and plants

b) bacteria and archaea

c) animals and Protists

20-The system that helps animals to breathe is called the:

a) circulatory system

b) excretory system

c) respiratory system

21-Which organ pumps blood around the body?

A. Brain

B. Stomach

C. Heart

Q10: Select the right answer from parenthesis: اختر الصحيح من بين القوسين

22-Kidney is (tissue \ organ)

23-Muscle is (tissue \ organ)

24-Heart is (tissue \ organ)

25-Animals have simple body, no systems (vertebrate \ invertebrate)

26-Damselfly, go under (complete \ incomplete) metamorphosis

27-Beetleflies go under (complete \ incomplete) metamorphosis

28-The stages of growth is called (life cycle \ life span)

29-How long an organism can live in wild is called (life span \ life cycle)

Q11: Reorder the four stages of a human life cycle?

(Grow / Birth / Death / Reproduction)

1-Birth

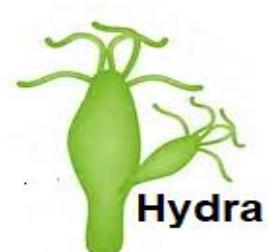
2- Grow

3- Reproduction

4- Death

Q12: -What kind of reproduction is happening in each picture?

(Budding / Fertilization / Regeneration) used this words



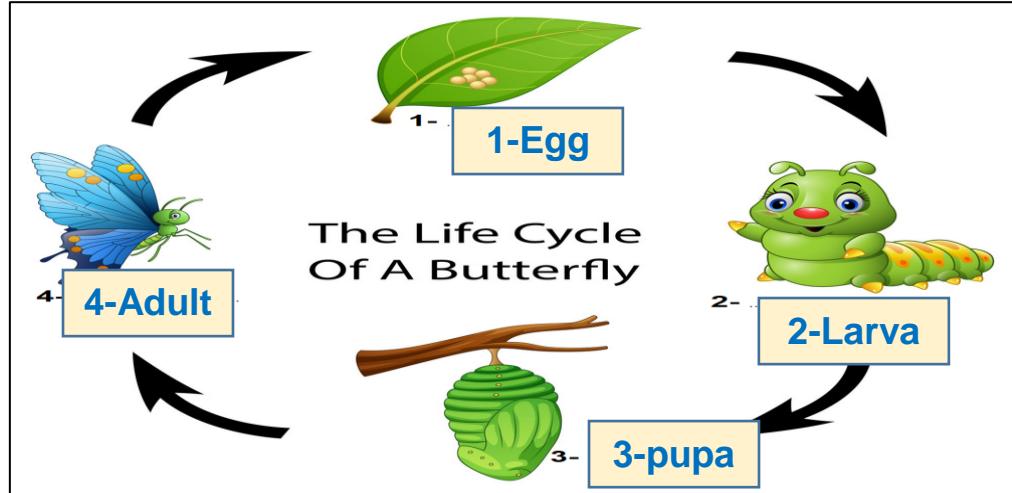
(Fertilization)

(Regeneration)

(Budding)

Q13-Put the stages of a butterfly's life cycle in order :

(Adult / Egg / pupa / larva)



Q14: Look at the pictures and write down whether the picture you see is:

(1-Inherited behavior) Or (2- Learned behavior)



Done By
Arwa Al Mussabi
Science Teacher 2019/2020