المدرسة الأهلية
AHLIA SCHOOL
BAHRAIN

SCIENCE REVISION BOOKLET MID SEMESTER 1- 2018

NAME:_____

GRADE: 5 ( )

DATE:_____

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QA: KNOWLEDGE AND UNDERSTANDING.

a. **Fill in the blanks by choosing the words from the box below:**

Air sacs, arthropods, Cytoplasm, Mollusks, cell wall, capillaries, veins, arteries, archaebacteria, Urinary system, vertebrates, invertebrates,

1. A snail without a backbone, has a soft body and a hard outer shell belongs to _____
2. Animal with backbones are called _____
3. Animals without backbones are called _____.
4. _____ is the largest invertebrate group with jointed legs.
5. _____ are single celled organisms that can survive environments that are deadly to mostly other kinds of animals.
6. The tough outer covering of the plant cell is _____.
7. A cell's _____ is the material between nucleus and cell membrane.
8. The parts of the lungs where oxygen enters the blood are called _____.
9. Blood is carried by (an) _____ into the heart.
10. Smallest blood vessels are called _____.
11. Blood is carried by (an) _____ away from heart.
12. The system that is involved in removing the wastes from the body is _____.

b. Choose the correct answer by circling the letter.

1. What are the levels of classification from largest to smallest?
   A. Kingdom, phylum, class, order, family, genus, species.
   B. Phylum, kingdom, class, family, order, species, genus.
   C. Kingdom, class, family, order, phylum, genus, species.
   D. Family, order, phylum, class, species, genus, kingdom.

2. Which type of the plant is **NOT** vascular?
   A. Fern,
   B. Flowering plant
   C. Moss
   D. Conifers

3. What type of tissue mostly like to have **flat cells.**
   A. Nerve tissue
   B. Muscle tissue
   C. Bone tissue
   D. Skin tissue

4. Which two organ systems work together to move the body?
   A. Muscular system and skeletal system.
   B. Digestive and muscular system.
   C. Nervous and digestive system
   D. Respiratory and nervous system.

5. What structures connect the smallest arteries with the smallest veins?
   A. Air sacs
   B. Capillaries
   C. Bronchi
   D. Valves

6. When does digestion begin?
   A. When saliva mix with food
   B. When teeth ground the food

C. When food moves down the esophagus
D. When food is in the stomach.

QB: COMPREHENSION.

a. Classify the following animals. Place each animal in the correct class in the chart below:

Clown fish, kingfisher, shark, Grey squirrel, rattlesnake, alligator, Golden-lined frog, duck, salamander, chimpanzee,

CLASS	ANIMAL
Mammal	
Bird	
Reptile	
Amphibian	
Fish	

b. Write organs and function of each Organ system given below.

Organ system	Organs	Function
Nervous system		
Respiratory system		
Circulatory system		

Urinary system		
Digestive system		

c. How does a nerve cell shape and great length help it to do its job?

_____

_____

_____

d. (i) What are cilia?
(ii) What do they do?

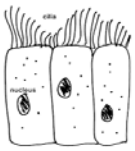


figure 4 - epithelial cells

_____

_____

_____

_____

e. How does a round blood cell shape help it to do its job?

_____

_____

_____

f. SEQUENCE: In the boxes write in order, the parts of digestive system through which inhaled air passes.

Small intestine, esophagus, mouth, large intestine, stomach,

_____

_____

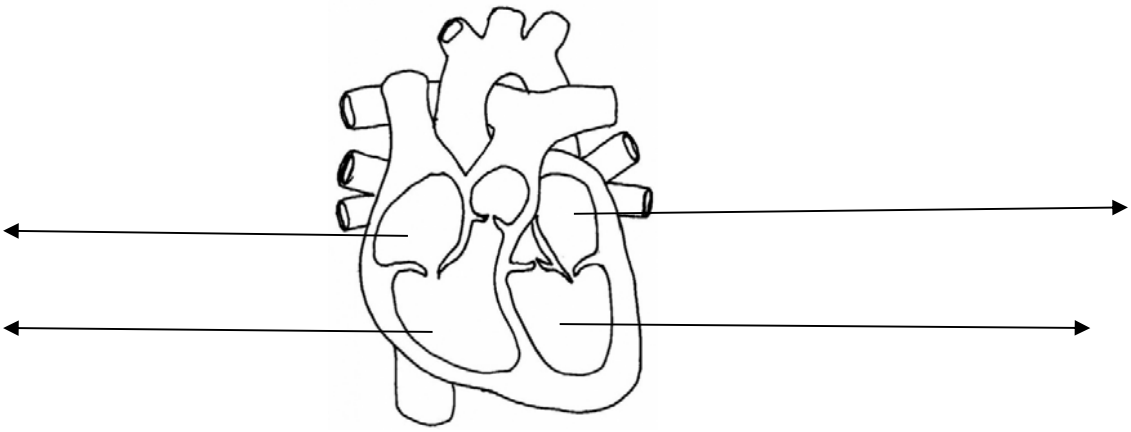
g. SEQUENCE: Order, the parts of respiratory system through which inhaled air passes.

Nose, air sacs, trachea, bronchioles, bronchi,

_____

_____

h. Label the four chambers of heart.



i. List organs of plants.

_____

_____

_____

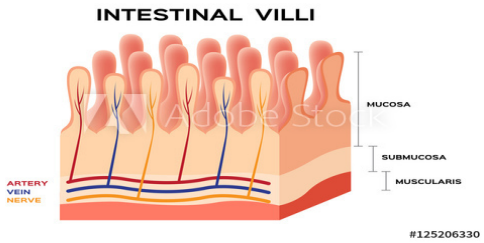
_____

j. Classify the plants as vascular and non vascular plants, by choosing the words from the box below:

Ferns, mosses, flowering plants, conifers

Vascular plants	Non vascular plants

k. What are the adaptations of small intestine and what is its function?



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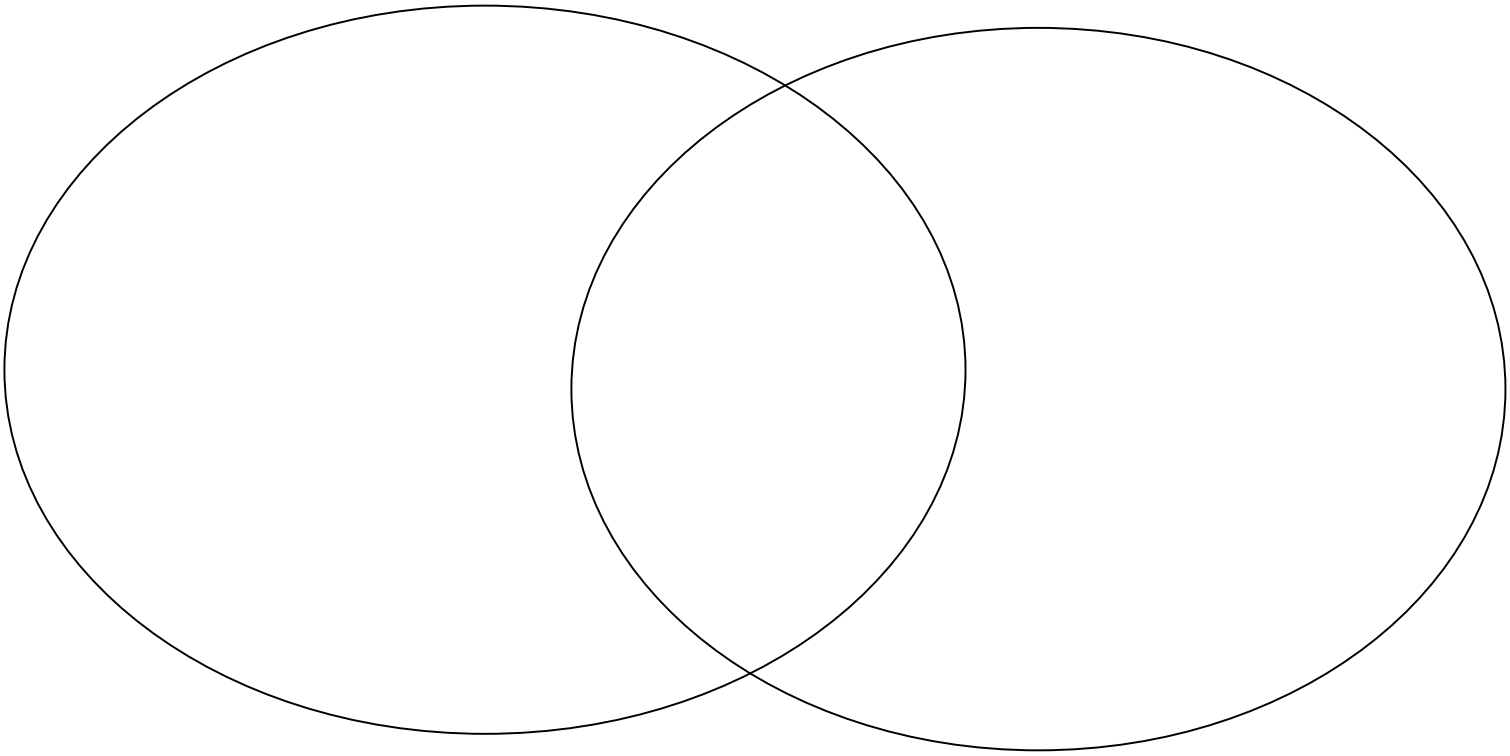
QC: APPLICATION.

a. Tell how toads and snakes are different and how are they alike. In your answer consider their body parts, their needs and their life cycles.

TOAD **Both** **SNAKE**



b. Differentiate between plant and animal cells.

No.	Plant cell	Animal cell
1.		

2.		
3.		

c. How do digestive and circulatory systems work together?

_____

_____

_____

_____

_____

_____

_____

_____

d. How do respiratory and circulatory systems work together?

_____

_____

_____

_____

_____

e. How do urinary and circulatory systems work together?

QD: ANALYSIS

a. Infer what would happen to a cell if you removed its vacuole?

b. Infer what would happen to a cell if you remove chloroplast from the plant cell?

c. **Infer what would happen to a cell if you removed its nucleus? Explain your answer.**

_____

_____

_____

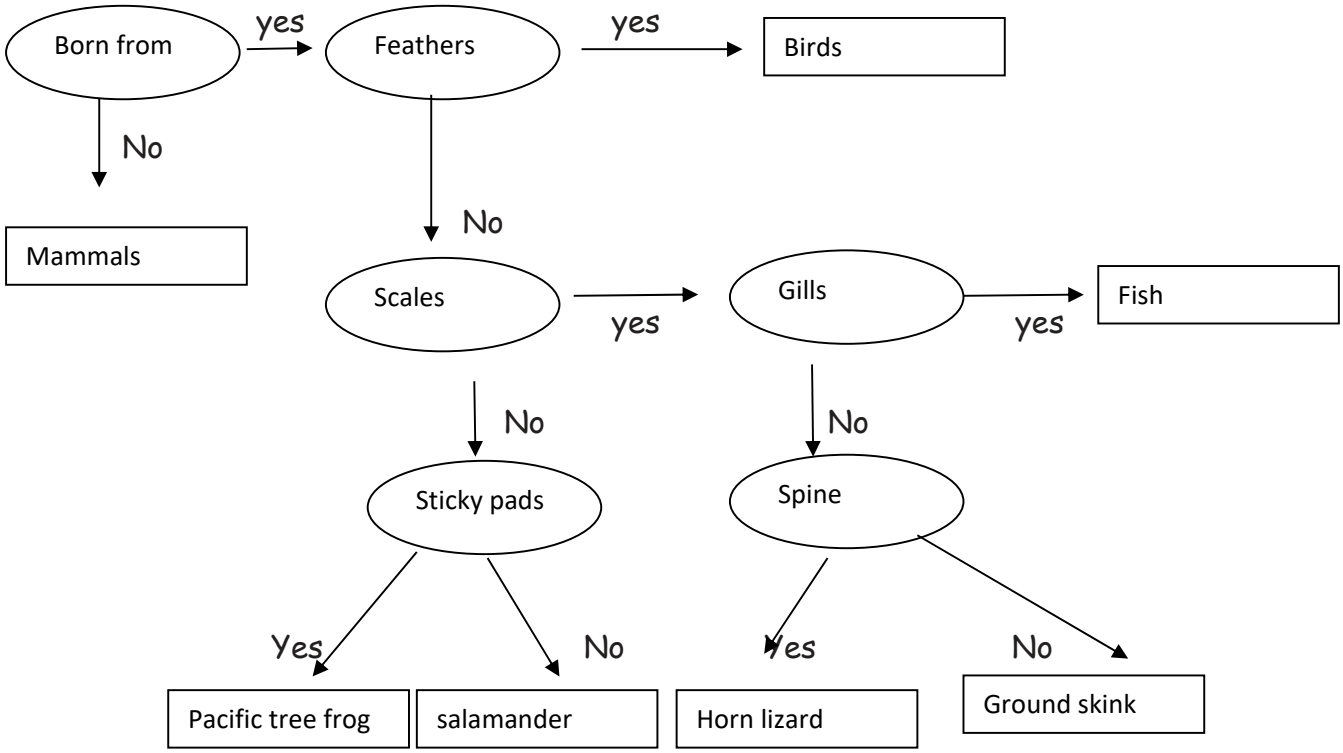
_____

_____

d. **What is the difference between protest and fungi?**

Protist	Fungi

e. **look carefully at the dichotomous key below:**






Which animal is born from an egg have, scales, no gills and no spine?

_____

_____

Which animal is born from an egg and has scales and spine?

_____

_____

QE: SYNTHESIS/EVALUATION

a. **Read the needs of plants paragraph below:**

> Plants need sunlight, soil, air, and water to live. In a recent science experiment, three plants were given the same amounts of sunlight, soil, and air. Plant B was given the amount of water that a plant needs to survive, while Plant A & C was not given any water.

What conclusion can you draw about the future of the two plants? Use the graphic organizer to write your facts and your conclusion.

FACT # 1:

FACT # 2:

FACT # 3:

CONCLUSION: