

Science Grade 4 Semester 1 **Book Part 2 Review**

NAME \_\_\_\_\_ GRADE 4/\_\_\_\_ DATE.../11

**Chapter 4 Lesson1: Animal Adaptation:** page : 92- 103 **درس تكيف الحيوانات**

**Q1: Fill each blank with the best term from the list:** **ضع الكلمة عند التعريف**

**A** (Camouflage / echolocation / extinct / hibernate / stimulus / variations/ tropism- Adaptation – Mimicry – accommodation)

1. The process of finding an object by using echos is .....
2. When the last species dies .....
3. To survive in cold winters, some animals .....
4. When animal hides or blends with environment .....
5. Something in the environment that causes an organism to respond is called .....
6. Differences among members of the same species are called .....
7. The response of a plant to light, water, or gravity is an .....
- 8-Trait or behavior that helps a living thing survive in its environment .....
- 9-When one kind of living thing has similar traits to another is .....
- 10-An individual organism's response to changes in its ecosystem .....

**Q2: Match the words with their meanings: animals senses (pages 102-103)**

( sight hearing smell taste touch ) **ضع اسم الحاسة عند الجملة المناسبة**

1. Butterflies use their sense of .....to tell whether a plant is a good place to lay eggs.
2. Dogs use their sense of ..... to warn them of danger.
3. Bats make an echo to help them keep safe.....
4. Some animals have large eyes and rabbits have eyes on the sides of their head to help them .....
- 5- Animals use this to help them find food. ....

**Q 3: How do animals use their senses?** **أهمية الحواس للحيوانات**

- Learned about the world around them
- Move around
- Help them stay safe.
- Help them find food.
- Find others of their own kind.

**Q4: Match the number of animal to its adaptation and the kind of behaviors to correct meaning:** ضع الرقم المناسب بين القوسين \ مثال 1 محلول

| Kind of Animals Adaptation             |   |   |  |
|--|---|---|--|
| Physical characteristic الصفات الجسدية |   | Behaviors السلوك                            |  |
| 1-Polar bear                           | ( <u>7</u> ) Don't drink water, <u>to</u> Get water from food   | <u>1-Camouflage</u><br>التمويه              | ( <u>4</u> ) Lives off body fat and use little energy            |
| 2-Elephant                             | (.....) long ear <u>To</u> Give off heat  | <u>2-Mimicry:</u><br>المحاكاة               | (.....) Leaving the place and go to another.                     |
| 3-Sandgrouse birds                     | (.....) a-Close nostrils : <u>To</u> keep out sand.<br>b-Humps: <u>To</u> store fat.<br>c-Wide hooves : <u>To</u> walk on sand. | <u>3-Body structures:</u><br>البنية الجسدية | (....) Animal like environment                                   |
| 4-Fennec fox                           | (.....) feather keep water <u>to</u> Carry water to baby  | <u>4-Hibernating:</u><br>البيات الشتوي      | (.....) Animal like animals                                      |
| 5-Humming birds                        | (.....) Long beak and narrow, <u>to</u> get food from flower  | <u>5-Migration:</u><br>الهجرة               | (....) Snakes: have poison in jaws. Hedgehogs: cover with spines |
| 6-Camels:                              | (.....) have fur, keep warm   |   |  |
| 7-Kangaroo rat                         | (....) have trunk, <u>to</u> allow to take thing and feed   |   |  |

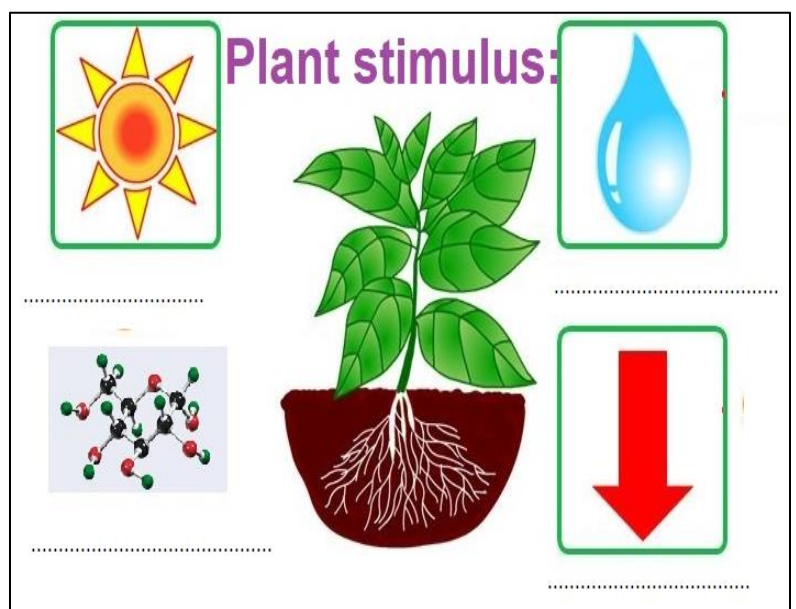
#### Chapter 4 Lesson2: Plant Adaptation:

درس تكيف النباتات مع بيئاتها 110-114 Page

**Q1-Write under the figure the correct plant stimulus:**

ضع اسم المحفز تحت صورته

**Gravity – Water-Light -Chemicals**



Q2: Write the plant adaptation your book page 112 اكتب اسم التركيب على الخط المنقط 112

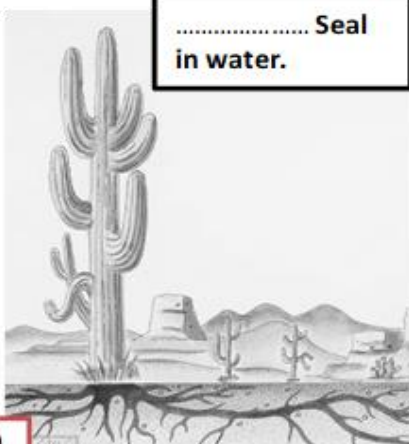
.....protect from animals.

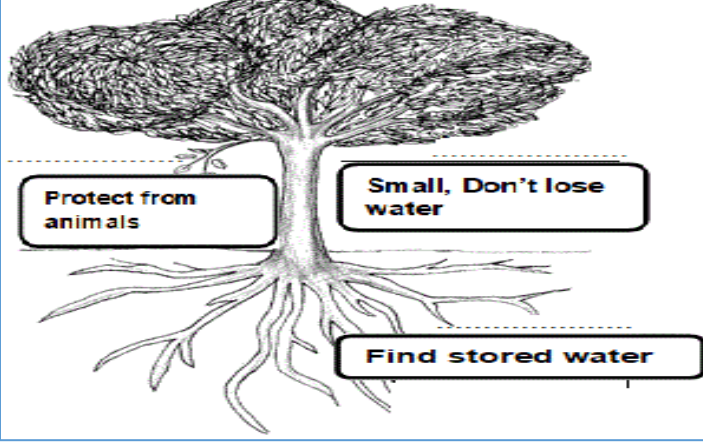
..... Seal in water.

..... Help store water.

..... Soak up rain quickly.

**Saguaro Cactus** الصبار





Q3: Complete the missing words: ضع الكلمة في مكانها الصحيح

(Tropical – Temperate – leaves- grooves –Large-sunlight)

..... rain Forest:

1-Leaves have ..... and drip tips, help rainwater flow off.

2-leaves are .....to catch more .....

..... Forest:

Lose ..... in Full & winter

In spring tree grow new .....again.

Chapter 4 Lesson3: Changes in Ecosystem: Page 122 – 128 درس تغيرات النظام البيئي

Q1:Compelet with right answer: (Nature event- Locust- alligator)ضع الكلمة في مكانها الصحيح

| What causes an ecosystem to change?  |  |  |   |
|--|--|--|---|
| A-.....<br>.....   | B-Living thing   | C- People<br>Q2: Put the correct number near the meaning<br>ضع الرقم المناسب عند التعريف |   |
| <ul style="list-style-type: none"> <li>➤ Hurricanes</li> <li>➤ Volcanoes</li> <li>➤ Landslides</li> <li>➤ Droughts</li> <li>➤ Earthquakes</li> </ul> | .....<br>They can harm crops.                              | 1-Pollution  | (.....) when too many (people)live in an area         |
|  | .....<br>Holes made by alligators that fill up with water. | 2-Overpopulation   | (.....) When people cut down forests.                 |
|  |  | 3-Deforestation  | (.....) adding harmful things to air, water and land. |

**Q3: What happens when ecosystems change? Put the correct word near the meaning:**

(Endangered / Moving away/ Accommodation / Extinction ) تسلسل الاحداث عند تغير النظام البيئي

1-(.....) living things will change their habits to survive. تتأقلم

2-(.....) They will leave the area and go somewhere else. الهروب

3-(.....) if they cannot accommodate to change in ecosystem, they will die.

4-(.....) when a species is in danger of becoming extinct. مهددة بالانقراض.

**Q4: How can people prevent extinction? The UAE succeeded in saving the Arabian Oryx from extinction by most important project called: "**

**Chapter 5 Lesson 1 Choosing healthy food: Page 140- 150** درس اختيار الغذاء الصحي

**Q1: Fill each blank with the best term from the list: ضع الكلمة عند التعريف الصحيح**

(Carbohydrates / nutrient / balanced diet / endurance / physical fitness / bacteria / protein / resource/ hygiene)

1. When you eat meals and snacks that provide the proper amounts of foods from each food group, you follow an .....

2. A substance in food that your body needs for growth, repair, and energy is (an) .....

3. Your body's main source of energy comes from nutrients called .....

4. The ability to perform an activity without becoming tired is .....

5. The nutrient needed for growth and repair of body tissues is .....

6. When your heart, lungs, muscles, and other body parts are all ..... working at their best, you have good.

7. Minerals and .....are nutrients that help your body grow and carry out certain functions.

8. The practice of keeping clean is called .....

9. A .....is a germ that causes disease.

**Q2-Match the nutrient to its role in your body (p148-149): ضع الرقم المناسب بجوار المادة الغذائية:**

1-Give a lot of Energy

(.....) Proteins

2- Grow and certain functions.

(.....) Fats and Oils

3-The main source of Energy.

(.....) Carbohydrates

4- For grow and repair body & tissues.

(.....) Vitamins and Minerals.

اكتب اسم المعدن او الفيتامين بجوار اهميته

**Q3: Write the correct vitamins and minerals in correct space: (Calcium / C / iron / A )**

- A- Vitamin..... keep your eyes gums and skin healthy. It found in carrots.  
B- Vitamin..... Keep your blood, bones teeth and gums healthy. It found in citrus fruits.  
C -..... Used to build strong teeth and bones. It found in Milk  
D -..... Keep red blood cells working. It found in Meats.

**Chapter 5 Lesson 2 Staying Healthy, fit, and safe : Page 164- 170** درس البقاء بصحة وسلامة

**Q1: Put the term near the meaning:**

(Infectious disease / bacteria/ non-infectious/ fungi) واسم الميكروب وضع الكلمة بجوار تعريفها

1. A ..... is one that is transmitted from living things to another.  
2- ..... disease did not transmitted from one person to another.  
3-Grams ميكروبات Single celled such as Viruses and ..... and .....

**Q2: Put the correct number near the sentences:** ضع الرقم المناسب 1 أو 2 بجوار الجملة

1-Ways of disease transmitted. طرق انتقال المرض. 2-The Symptoms أعراض المرض

- (.....) Shaking hands (.....) body temperature rise. (.....) animals  
(.....) skin and eye redness. (.....) patient's tools. (.....) vomiting.

**Q3: put the term near the meaning:** (Immunity / Antibodies /Alexander Fleming\ Vaccination) وضع الكلمة عند تعريفها

- 1-(.....) Physician injects with small amount of germ that body recognizes.  
2-(.....) Is the ability of the body to resist an infectious disease.  
3-(.....) Medicine used to cure a healthy condition caused by bacteria.  
4-(.....) the first scientist discover the antibiotic called penicillin.

**Q4 The Importance of Sleeping:** كم ساعات النوم? How many hours they need to sleep?

- 1-Children less than 5 years need to more than .....hours.  
2-Children between 5 to 12 years need between ..... to ..... hours.  
3-Adults need less than ..... hours to sleep.

**Q5: What are importance of Sleeping? Put the correct word (cell \ tissue \ brain) وضع الكلمة**

- a- ..... and body recover and rest.  
b- All Body well repair damage ..... and .....

انتهت المراجعة للكتاب الثاني تمنياتي لكم بالتوفيق والنجاح (: أروى المصعبي

Science Grade 4 Semester 1 **Book Part 2 Review**

NAME \_\_\_\_\_ GRADE 4/\_\_\_\_ DATE.../11

**Chapter 4 Lesson1: Animal Adaptation:** page : 92- 103 **درس تكيف الحيوانات**

**Q1: Fill each blank with the best term from the list:** **ضع الكلمة عند التعريف**

**A (Camouflage / echolocation / extinct / hibernate / stimulus / variations/ tropism- Adaptation – Mimicry – accommodation)**

1. The process of finding an object by using echos is **echolocation**
2. When the last species dies **extinct**
3. To survive in cold winters, some animals **hibernate**
4. When animal hides or blends with environment **Camouflage**
5. Something in the environment that causes an organism to respond is called **stimulus**
6. Differences among members of the same species are called **variations**
7. The response of a plant to light, water, or gravity is an **tropism**
- 8-Trait or behavior that helps a living thing survive in its environment **Adaptation**
- 9-When one kind of living thing has similar traits to another is Mimicry
- 10-An individual organism's response to changes in its ecosystem **accommodation**

**Q2: Match the words with their meanings: animals senses (pages 102-103)**

( **sight**      **hearing**      **smell**      **taste**      **touch** ) **ضع اسم الحاسة عند الجملة المناسبة**

1. Butterflies use their sense of **teste** to tell whether a plant is a good place to lay eggs.
2. Dogs use their sense of **small** to warn them of danger.
3. Bats make an echo to help them keep safe **Hearing**
4. Some animals have large eyes and rabbits have eyes on the sides of their head to help them **Sight**
- 5- Animals use this to help them find food. **Touch**

**Q 3: How do animals use their senses?** **أهمية الحواس للحيوانات**

- Learned about the world around them
- Move around
- Help them stay safe.
- Help them find food.
- Find others of their own kind.



**Q4: Match the number of animal to its adaptation and the kind of behaviors to correct meaning:** ضع الرقم المناسب بين القوسين \ مثال 1 محلول

| Kind of Animals Adaptation             |   |   |   |
|--|---|---|---|
| Physical characteristic الصفات الجسدية |   | Behaviors السلوك                            |   |
| 1-Polar bear                           | (7) Don't drink water, to Get water from food   | <b>1-Camouflage</b><br>التمويه              | (4) Lives off body fat and use little energy                  |
| 2-Elephant                             | (4) long ear To Give off heat   | <b>2-Mimicry:</b><br>المحاكاة               | (5) Leaving the place and go to another.                      |
| 3-Sandgrouse birds                     | (6) a-Close nostrils :To keep out sand.<br>b-Humps: To store fat.<br>c-Wide hooves : To walk on sand. | <b>3-Body structures:</b><br>البنية الجسدية | (1) Animal like environment                                   |
| 4-Fennec fox                           | (3) feather keep water, to Carry water to baby  | <b>4-Hibernating:</b><br>البيات الشتوي      | (2) Animal like animals                                       |
| 5-Humming birds                        | (5) Long beak and narrow, to get food from flower   | <b>5-Migration:</b><br>الهجرة               | (3) Snakes: have poison in jaws. Hedgehogs: cover with spines |
| 6-Camels:                              | (1) have fur, keep warm   |   |   |
| 7-Kangaroo rat                         | (2) have trunk, to allow to take thing and feed   |   |   |

## Chapter 4 Lesson2: Plant

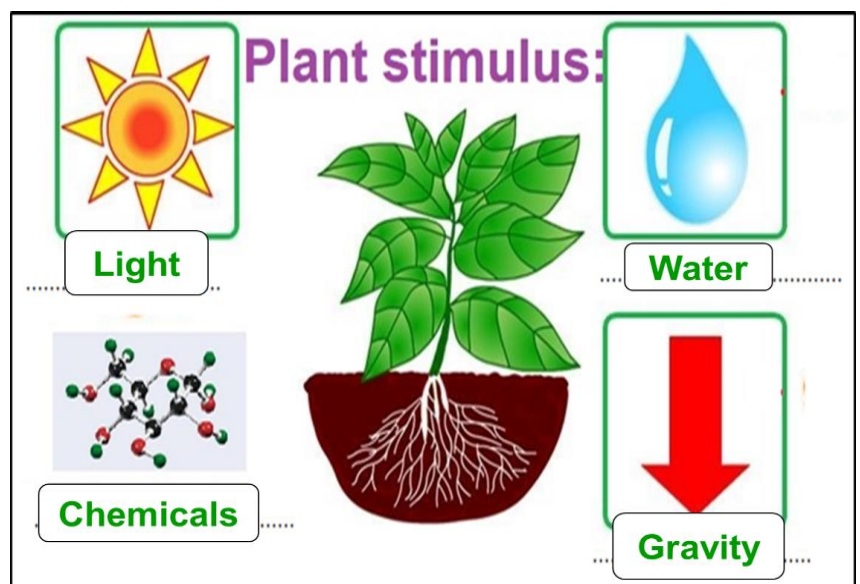
### Adaptation:

درس تكيف النباتات مع بيئتها 110-114 Page

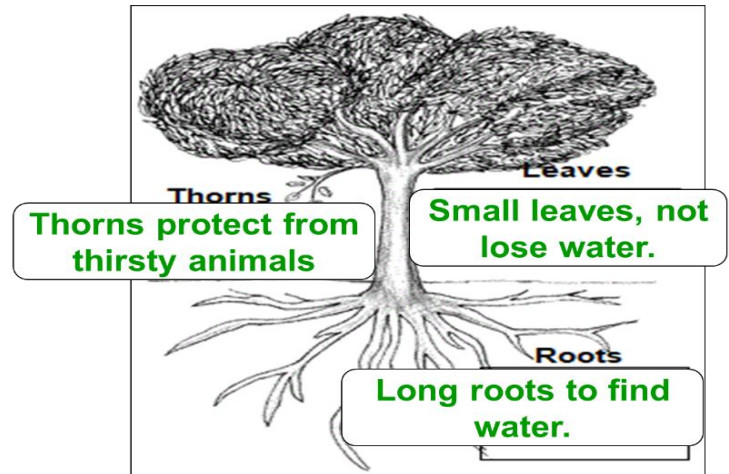
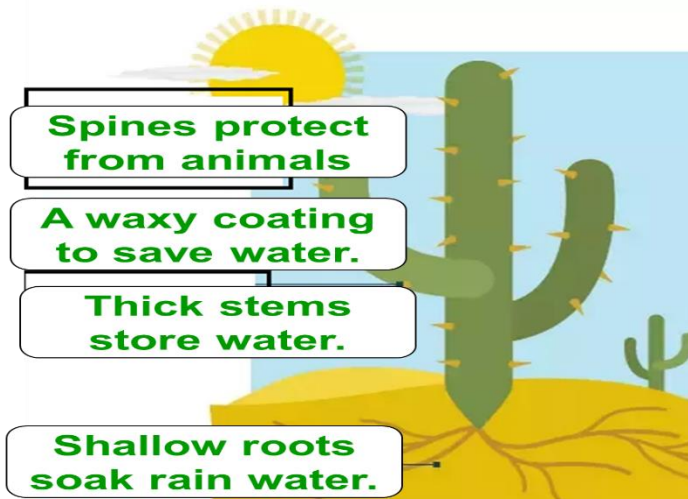
**Q1-Write under the figure the correct plant stimulus:**

ضع اسم المحفز تحت صورته

**Gravity – Water-  
Light -Chemicals**



Q2: Write the plant adaptation your book page 112 اكتب اسم التركيب على الخط المنقط



Q3: Complete the missing words: ضع الكلمة في مكانها الصحيح

(Tropical – Temperate – leaves- grooves –Large-sunlight)

**Tropical** rain Forest:

1-Leaves have **Grooves** and drip tips, help rainwater flow off.

2-leaves are **Large** .to catch more **sunlight**

**Temperate** Forest:

Lose **leaves** in Full & winter

In spring tree grow new **leaves** .again.

Chapter 4 Lesson3: Changes in Ecosystem: Page 122 – 128 درس تغيرات النظام البيئي

Q1:Compelet with right answer: (Nature event- Locust- alligator)ضع الكلمة في مكانها الصحيح

| What causes an ecosystem to change?  |   |  |  |
|--|---|--|--|
| A- Natural Event   | B-Living thing  | C- People<br>Q2: Put the correct number near the meaning<br>ضع الرقم المناسب عند التعريف |  |
| <ul style="list-style-type: none"> <li>➤ Hurricanes</li> <li>➤ Volcanoes</li> <li>➤ Landslides</li> <li>➤ Droughts</li> <li>➤ Earthquakes</li> </ul> | <b>Locust</b><br>They can harm crops.                                 | 1-Pollution  | <b>(2)</b> when too many (people)live in an area         |
|  | <b>Alligator</b><br>Holes made by alligators that fill up with water. | 2-Overpopulation   | <b>(3)</b> When people cut down forests.                 |
|  |   | 3-Deforestation  | <b>(1)</b> adding harmful things to air, water and land. |



**Q3: What happens when ecosystems change? Put the correct word near the meaning:**

(Endangered / Moving away/ Accommodation / Extinction) تسلسل الاحداث عند تغير النظام البيئي

- 1-( Accommodation ) living things will change their habits to survive. تتأقلم
- 2-(Moving away) They will leave the area and go somewhere else. الهروب
- 3-( Extinction ) if they cannot accommodate to change in ecosystem, they will die.
- 4-( Endangered ) when a species is in danger of becoming extinct. مهددة بالانقراض.

**Q4: How can people prevent extinction? The UAE succeeded in saving the Arabian Oryx from extinction by most important project called: 'Increasing Arabian Oryx project'**

**Chapter 5 Lesson 1 Choosing healthy food: Page 140- 150** درس اختيار الغذاء الصحي

**Q1: Fill each blank with the best term from the list: ضع الكلمة عند التعريف الصحيح**

(Carbohydrates / nutrient / balanced diet / endurance / physical fitness / bacteria / protein / Vitamins/ hygiene)

1. When you eat meals and snacks that provide the proper amounts of foods from each food group, you follow an **balanced diet**.
2. A substance in food that your body needs for growth, repair, and energy is (an) **nutrient**.
3. Your body's main source of energy comes from nutrients called **carbohydrate**.
4. The ability to perform an activity without becoming tired is **endurance**.
5. The nutrient needed for growth and repair of body tissues is **protein**.
6. When your heart, lungs, muscles, and other body parts are all **physical fitness** working at their best, you have good.
7. Minerals and **Vitamins** are nutrients that help your body grow and carry out certain functions.
8. The practice of keeping clean is called **hygiene**.
9. A **bacteria** is a germ that causes disease.

**Q2-Match the nutrient to its role in your body (p148-149): ضع الرقم المناسب بجوار المادة الغذائية:**

- |  |                              |
|--|------------------------------|
| 1-Give a lot of Energy                 | ( 4 ) Proteins               |
| 2- Grow and certain functions.         | ( 1 ) Fats and Oils          |
| 3-The main source of Energy.           | ( 3 ) Carbohydrates          |
| 4- For grow and repair body & tissues. | ( 2 ) Vitamins and Minerals. |

اكتب اسم المعدن او الفيتامين بجوار اهميته

Q3: Write the correct vitamins and minerals in correct space: (Calcium / C / iron / A )

- A- Vitamin **A** keep your eyes gums and skin healthy. It found in carrots.
- B- Vitamin **C** Keep your blood, bones teeth and gums healthy. It found in citrus fruits.
- C –**Calcium** Used to build strong teeth and bones. It found in Milk
- D –**Iron** Keep red blood cells working. It found in Meats.

Chapter 5 Lesson 2 Staying Healthy, fit, and safe : Page 164- 170 درس البقاء بصحة وسلامة

Q1: Put the term near the meaning:

(Infectious disease / bacteria/ non-infectious/ fungi) ضع الكلمة بجوار تعريفها واسم الميكروب

1. A **Infection disease** is one that is transmitted from living things to another.
- 2- **Non- infection** disease did not transmitted from one person to another.
- 3-Grams ميكروبات Single celled such as Viruses and **Bacteria** and **Fungi**

Q2: Put the correct number near the sentences: ضع الرقم المناسب 1 أو 2 بجوار الجملة

1-Ways of disease transmitted. طرق انتقال المرض.

2-The Symptoms أعراض المرض

(1) Shaking hands

(2) body temperature rise.

(1) animals

(2) skin and eye redness.

(1) patient's tools.

(2) vomiting.

Q3: put the term near the meaning: (Immunity / Antibodies /Alexander Fleming\

Vaccination) ضع الكلمة عند تعريفها

- 1- ( **Vaccination** ) Physician injects with small amount of germ that body recognizes.
- 2-( **Immunity** ) Is the ability of the body to resist an infectious disease.
- 3-(**Antibodies**) Medicine used to cure a heathy condition caused by bacteria.
- 4-(**Alexander Fleming** ) the first scientist discover the antibiotic called penicillin.

Q4 The Importance of Sleeping: كم ساعات النوم? How many hours they need to sleep?

1-Chlidren less than 5 years need to more than **More than 11** hours.

2-Chlidren between 5 to 12 years need between **9 to 11** hours.

3-Adults need less than **9** hours to sleep.

Q5: What are importance of Sleeping? Put the correct word (**cell \ tissue \ brain**) ضع الكلمة

a- **Brain** and body recover and rest.

b- All Body well repair damage **Cell** and **Tissue**

انتهت المراجعة للكتاب الثاني تمنياتي لكم بالتوفيق والنجاح (: أروى المصعبي