
Final Revision

Second term 2014

By:Mr.Mohamed Taha

1) Write the scientific term:-

- 1- A juice is secreted from the liver and affects fats digestion.
- 2- The path of energy transference in the form of food through living organisms.
- 3- The building unit of the living organism.
- 4- A gas is used in respiration process.
- 5- A group of tissues work together.
- 6- Moving the digested food from the small intestine to the blood.
- 7- An organ that is responsible for incomplete digestion of proteins.
- 8- The first organ of the respiratory system.
- 9- A group of food chains connecting together.
- 10- The first part of the small intestine.
- 11- An organ that prevents food from entering the respiratory system during swallowing.
- 12- The measuring unit of force.
- 13- The teeth in each jaw which grind food.
- 14- A muscle that separates the thoracic cavity and the abdominal cavity.
- 15- Changing food from complex form into simple one.

- 16- The living organisms that can make their own food by photosynthesis process.
- 17- A common cavity which leads to esophagus and trachea.
- 18- A sac like muscular organ that secretes gastric juice.
- 19- An organ found at the top of trachea and is called the voice box.
- 20- The living cell that contains chloroplasts.
- 21- The process by which the plant makes its own food.
- 22- living organism depend on producers to get their food directly or indirectly.
- 23- A muscle helps in the mechanism of respiration.
- 24- A system that carries out the transport function in the human being.
- 25- The effect that changes the state of the object.
- 26- A system helps the body to get rid of harmful wastes.

2) Complete the following statements :

- 1- Animal cell is similar to plant cell in the presence of and
- 2- Saliva changes to in mouth.
- 3- Exchange of gases occurs in alveoli between and
- 4- Plant cell is characterized from animal cell by the presence of And
- 5- Food chain begins with and ends with
- 6- Small intestine is divided into and
- 7- The operation of blender or electric fan depends on the effect of force.
- 8- Trachea contains to eject any strange body.
- 9- Muscle helps in the mechanism of respiration.
- 10- system digests and absorbs food.
- 11- Nose is lined with, and
- 12- is responsible for cell division.
- 13- Air enters the lungs during process.
- 14- The total number of teeth in adult is
- 15- The digestive canal starts with and ends with

16- Protein digestion starts in, while starch digestion starts in

17- Yeast fungus is used in making and

18- Food chain starts with such as

3) Give reasons:

1- It is better to respire through nose.

- It is preferred to breathe through the nose not through the mouth.

2- Food does not enter trachea during swallowing.

3- Green algae are producers.

4- Incisors and canines are important teeth in your mouth.

5- Plant cell has a definite shape.

6- Presence of epiglottis at the top of trachea.

7- Food spoils if it is left outside the refrigerator for a long period of time.

8- Proteins are digested in stomach and small intestine.

9- Green plants are called autotrophic organisms.

10- The kite rises up to the top.

11- It is preferred for human to skip being in crowded places.

12- Gears are very important in machines.

13- Decomposers have a great economical and environmental importance.

14- All food chains begin with producers.

15- Nose has blood capillaries.

4) Put (√) or (×):

1- The tongue mixes food with saliva in the mouth. ()

2- Esophagus is a common organ between digestive system and respiratory system. ()

3- Stomach is an organ in the respiratory system. ()

4- Metro depends on hand pushing force in its motion. ()

5- The tissue is a group of similar cells. ()

6- During inhalation process the thoracic cavity enlarges. ()

- 7- Plants help in cleaning air from carbon dioxide gas. ()
- 8- To keep your digestive system healthy you must chew the food well. ()
- 9- The liver secretes bile that digests starch. ()
- 10- The plasma membrane is responsible for cell division. ()
- 11- Cilia in trachea eject up the strange objects. ()
- 12- The group of similar cells forms a tissue. ()
- 13- The plant is the main source of food and energy for man and animal. ()
- 14- Food is burned in body cells to get energy. ()

5) Choose the right answer :

- 1- gas turbid lime water: (Oxygen – nitrogen – carbon dioxide)
- 2- Starch is digested in (Liver – stomach – mouth)
- 3- Tissues are made of similar: (System – cells – organs)
- 4- In process the green plants make their own food:
(Digestion – respiration – photosynthesis)
- 5- The stomach belongs to the system: (digestive – nervous – urinary)
- 6- Plants use In photosynthesis process: (nitrogen – carbon dioxide – oxygen)
- 7- Plants produce in photosynthesis: (nitrogen – carbon dioxide – oxygen)
- 8- Windmills move by the pushing force of the(hand – motor – wind)
- 9- Undigested food is stored in the (large intestine – stomach – liver)
- 10- Bile juice digests : (protein – starch – sugar – fats)
- 11- Gases exchange during respiration occurs in: (trachea – nose – mouth – alveoli)
- 12- Chloroplasts are found in : (animal cell – plant cell – yeast fungus)
- 13- Force is measured by Unit. (Newton – kilo gram – kilo meter)
- 14- Iodine solution is used to test for : (proteins – starch – fats)
- 15- Digested food is absorbed in the : (stomach – small intestine – large intestine)
- 16- The is an example of unicellular organisms. : (frog – yeast fungus – bean plant)

- 17- Which of the following is considered an organ .. (yeast fungus - heart – epidermis of onion plant – bean plant)
- 18- Plant cell performs the function of (respiration – photosynthesis – transport – all the previous)
- 18- All the following living organisms are producers except ... (green algae – maize plant – bread mold – wheat plant)
- 19- Sail boats move on the surface of river Nile by the force of pushing (water – wind – ropes – motor)

6) What is the role of each of the following:-

- 1- Bile juice in digestion process
- 2- Diaphragm in mechanism of respiration
- 3- The salivary glands in mouth.
- 4- The cilia in trachea.
- 5- The tongue.
- 6- The epiglottis.
- 7- The liver.
- 8- The pulleys.
- 9- The gears.
- 10 Green plastids.
- 11- Alveoli (air sacs).

Wishing you all good luck

Mr. Mohamed

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Final revision

Ansewr sheets

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1) Write the scientific term:-

- 1- A juice is secreted from the liver and affects fats digestion. Bile
- 2- The path of energy transference in the form of food through living organisms.
Energy path
- 3- The building unit of the living organisms. Cell
- 4- A gas is used in respiration process. Oxygen
- 5- A group of tissues work together. Organ
- 6- Moving the digested food from the small intestine to the blood. Absorption
- 7- An organ that is responsible for incomplete digestion of proteins. Stomach
- 8- The first organ of the respiratory system. Nose
- 9- A group of food chains connecting together. Food web
- 10- The first part of the small intestine. Duodenum
- 11- An organ that prevents food from entering the respiratory system during swallowing.
Epiglottis
- 12- The measuring unit of force. Newton
- 13- The teeth in each jaw which grind food. Molars

- 14- A muscle that separates the thoracic cavity and the abdominal cavity. **Diaphragm**
- 15- Changing food from complex form into simple one. **Digestion**
- 16- The living organisms that can make their own food by photosynthesis process. **Producers**
- 17- A common cavity which leads to esophagus and trachea. **Pharynx**
- 18- A sac like muscular organ that secretes gastric juice. **Stomach**
- 19- An organ found at the top of trachea and is called the voice box. **Larynx**
- 20- The living cell that contains chloroplasts. **Plant cells**
- 21- The process by which the plant makes its own food. **Photosynthesis process**
- 22- living organism depend on producers to get their food directly or indirectly. **Consumers**
- 23- A muscle helps in the mechanism of respiration. **Diaphragm**
- 24- A system that carries out the transport function in the human being. **Circulatory system**
- 25- The effect that changes the state of the object. **Force**
- 26- A system helps the body to get rid of harmful wastes. **Urinary system**

2) Complete the following statements :

- 1- Animal cell is similar to plant cell in the presence of **nucleus** and cytoplasm
- 2- Saliva changes **starch** to **sugar** in mouth.
- 3- Exchange of gases occurs in alveoli between **blood capillaries** and **alveoli**
- 4- Plant cell is characterized from animal cell by the presence of **cell wall** and **chloroplasts**
- 5- Food chain begins with **Producer** and ends with **Decomposer**
- 6- Small intestine is divided into **duodenum** and **ileum**
- 7- The operation of blender or electric fan depends on the effect of **motor pushing** force.
- 8- Trachea contains **cilia** to eject any strange body.
- 9- **Diaphragm** Muscle helps in the mechanism of respiration.
- 10- **Digestive system** system digests and absorbs food.
- 11- Nose is lined with **hairs, mucus** and **blood capillaries**
- 12- **Nucleus** is responsible for cell division.
- 13- Air enters the lungs during **inhalation** process.

- 14- The total number of teeth in adult is 32
- 15- The digestive canal starts with mouth and ends with anus
- 16- Protein digestion starts in stomach while starch digestion starts in mouth
- 17- Yeast fungus is used in making bread and alcohol
- 18- Food chain starts with producer such as green plants

3) Give reasons:

- 1- It is better to respire through nose.

Because nose is lined with hairs, mucus and blood capillaries which filter and warm the inhaled air

- 2- Food does not enter trachea during swallowing.

Because epiglottis closes larynx during swallowing

- 3- Green algae are producers.

Because they make their own food by photosynthesis process

- 4- Incisors and canines are important teeth in your mouth.

Because they cut and tear the food

- 5- Plant cell has a definite shape.

Because it has cell wall

- 6- Presence of epiglottis at the top of trachea.

To close larynx during swallowing in order to prevent entering food to trachea

- 7- Food spoils if it is left outside the refrigerator for a long period of time.

Because decomposers decay (تحلل) the food.

- 8- Proteins are digested in stomach and small intestine.

Because stomach secretes gastric juice and small intestine secretes intestinal juice.

- 9- Green plants are called autotrophic organisms.

Because they have chloroplasts and make their own food by photosynthesis process.

- 10- The kite rises up to the top.

Due to the air pushing force.

11- It is preferred for human to skip being in crowded places.

To keep the respiratory system healthy.

12- Gears are very important in machines.

Because they transfer motion

13- Decomposers have a great economic and environmental importance.

Because:-

1- they get rid of the dead bodies

2- they increase the soil fertility (خصوبة التربة)

3- they are used in some industries (صناعات)

14- All food chains begin with producers.

Because producers make food by photosynthesis process

15- Nose has blood capillaries.

To warm inhaled air

4)Put (√) or (×):

- 1- The tongue mixes food with saliva in the mouth. (√)
- 2- Esophagus is a common organ between digestive system and respiratory system. (×)
- 3- Stomach is an organ in the respiratory system. (×)
- 4- Metro depends on hand pushing force in its motion. (×)
- 5- The tissue is a group of similar cells. (√)
- 6- During inhalation process the thoracic cavity enlarges. (√)
- 7- Plants help in cleaning air from carbon dioxide gas. (√)
- 8- To keep your digestive system healthy you must chew the food well. (√)
- 9- The liver secretes bile that digests starch. (×)
- 10- The plasma membrane is responsible for cell division. (×)
- 11- Cilia in trachea eject up the strange objects. (√)
- 12- The group of similar cells forms a tissue. (√)
- 13- The plant is the main source of food and energy for man and animal. (√)
- 14- Food is burned in body cells to get energy. (√)

5) Choose the right answer :

- 1- gas turbid lime water: (Oxygen – nitrogen – **carbon dioxide**)
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- 3- Tissues are made of similar: (System – **cells** – organs)
- 4- In process the green plants make their own food:
(Digestion – respiration – **photosynthesis**)
- 5- The stomach belongs to the system: (**digestive** – nervous – urinary)
- 6- Plants use In photosynthesis process: (nitrogen – **carbon dioxide** – oxygen)
- 7- Plants produce in photosynthesis: (nitrogen – carbon dioxide – **oxygen**)
- 8- Windmills move by the pushing force of the(hand – motor – **wind**)
- 9- Undigested food is stored in the (**large intestine** – stomach – liver)
- 10- Bile juice digests : (protein – starch – sugar – **fats**)
- 11- Gases exchange during respiration occurs in: (trachea – nose – mouth – **alveoli**)
- 12- Chloroplasts are found in : (animal cell – **plant cell** – yeast fungus)
- 13- Force is measured by Unit. (**Newton** – kilo gram – kilo meter)
- 14- Iodine solution is used to test for : (proteins – **starch** – fats)
- 15- Digested food is absorbed in the : (stomach – **small intestine** – large intestine)
- 16- The is an example of unicellular organisms. : (frog – **yeast fungus** – bean plant)
- 17- Which of the following is considered an organ .. (yeast fungus - **heart** – epidermis of onion plant – bean plant)
- 18- Plant cell performs the function of (respiration – photosynthesis – transport – **all the previous**)
- 18- All the following living organisms are producers except ... (green algae – maize plant – **bread mold** – wheat plant)
- 19- Sail boats move on the surface of river Nile by the force of pushing (water – **wind** – ropes – motor)

6) What is the role of each of the following:-

1- Bile juice in digestion process

It helps in the digestion of fats and oils

2- Diaphragm in mechanism of respiration

It helps in inhalation and exhalation process

3- The salivary glands in mouth.

They secrete saliva that changes starch into sugar

4- The cilia in trachea.

They eject the strange bodies

5- The tongue.

It turns food and mixes it with saliva

6- The epiglottis.

It closes larynx during swallowing to prevent food from entering trachea

7- The liver.

It secretes bile juice that helps in the digestion of fats

8- The pulleys.

They ease motion

9- The gears.

They transfer motion

10- Green plastids.

They absorb sunlight to make photosynthesis process

11- Alveoli (air sacs).

They make gases exchange process with the blood capillaries surrounded them

Wishing you all good luck

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