

## Semester (4) Exam Review Worksheet

### Science, Grade 3

### Topics Covered in the Exam:

#### Unit 2: Man and his health

- Lesson 1: The circulatory system. Study pages 71, 72 and 73.
  - Lesson 2: The respiratory system. Refer to pages 75 and 76.
  - Lesson 3: The digestive system. Practice pages 79, 80 and 81.
  - Lesson 4: The muscular system. Refer to pages 83, 84 and 85.
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### Practice Questions:

*Students must practice these questions and the solution keys would be reviewed in class afterwards.*

### Question 1: (3½ marks)

Check the correct answer.

- a. Blood vessels are muscular tubes that carry blood, food, and oxygen to the parts of the body. Which system do the vessels belong to?

- ☐ Circulatory system
- ☐ Respiratory system
- ☐ Muscular system

- b. Which term does not fit with the others?

- ☐ Large intestine
- ☐ Kidneys
- ☐ Esophagus
- ☐ Mouth

- c. The stomach is a large muscular sack that breaks down food particles. Which system is the stomach a part of?

- ☐ Muscular system
- ☐ Circulatory system
- ☐ Digestive system

d. Give the name of the body system that helps you to lift a heavy box.

- ☐ Muscular system
- ☐ Respiratory system
- ☐ Circulatory system

e. Oxygen and nutrients together form:

- ☐ Energy
- ☐ Food
- ☐ Blood

f. Which one of the following is not good for your lungs?

- ☐ Exercising
- ☐ Smoking
- ☐ Singing

g. With circulation, the heart:

- ☐ Provides your body with oxygen
- ☐ Provides your body with nutrients
- ☐ Is a way to get rid of waste
- ☐ All the above

## **Question 2:** (4½ marks)

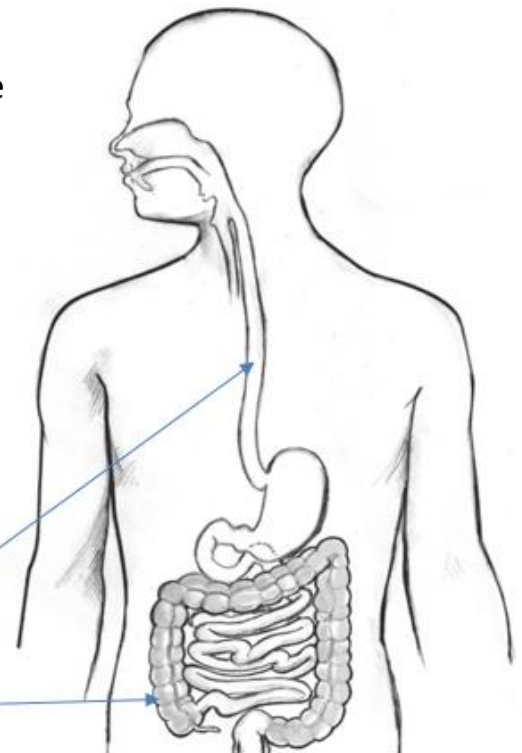
Observe the human digestive system diagram then answer the questions.

a. Where does the digestion begin? (½ mark)

.....

b. Draw arrows to show the tract of the food through this body system. (1 mark)

c. Fill in the boxes with the correct digestive organs. (1 mark)



d. Give the name of the digestive organ that: (2 marks)

- receives the food from the mouth when you swallow.
- removes water from food.
- does more than any part of the digestive system to digest food.
- delivers food to your stomach.

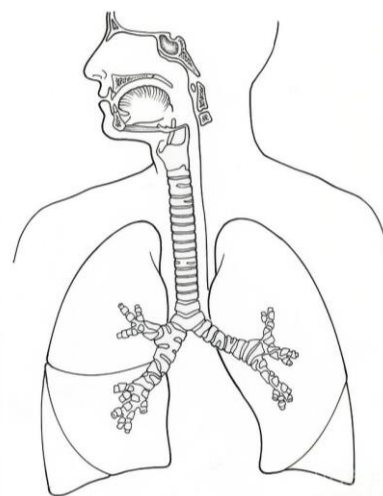

**Question 3:** (6 marks)

Read the paragraphs below then answer the questions.

The human respiratory system is a series of organs responsible for taking in oxygen and expelling carbon dioxide. The primary organs of the respiratory system are lungs.

Red blood cells collect the oxygen from the lungs and carry it to the parts of the body where it is needed. During the process, the red blood cells collect the carbon dioxide and transport it back to the lungs, where it leaves the body during exhaling.

The human body needs oxygen. A decrease in oxygen is known as hypoxia and a complete lack of oxygen is known as anoxia. After about four minutes without oxygen, brain cells begin dying, which can lead to brain damage and ultimately death.



a. What is the body system shown in the picture? (½ mark)

.....

b. Which organs of this body system are mentioned in the above paragraphs? (½ mark)

.....

c. What are the two respiratory gases mentioned in the above? (1 mark)

.....

d. The paragraphs show a relation between the respiratory and the circulatory systems.  
Explain. (1 mark)

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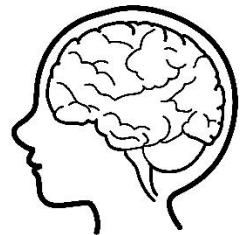
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e. Who am I? (2 marks)

- Cells that are responsible of transporting the respiratory gases throughout the circulatory system.
- Status of a body suffering from a decrease of oxygen.
- Status of a body suffering from a complete lack of oxygen.
- Breathing air out.


f. What will happen to the brain cells after about four minutes without oxygen? (1 mark)

.....  
.....



**Question 4:** (3 marks)

Correct the following statements by changing the underlined words.

a. The arteries carry the oxygenated blood to the heart.

.....

b. The stomach is located between the 2 lungs a little bit to the left.

.....

c. The red blood cells fight the germs.

.....

d. The respiratory system carries blood to and from the different places in the body.

.....

e. You have over 600 bones in your body. They have different sizes and shapes.

.....

f. Your muscular system helps you grow.

.....

**Question 5:** (3 marks)

These diagrams show some human body systems.

Name Organ X in each diagram.

