

**Ek Burapa School**  
**G5 Science Final Exam – February, 2025**

Name: \_\_\_\_\_ Grade: 5 / \_\_\_\_ No: \_\_\_\_

Subject: Science 'Human Skeleton; Respiratory System; Digestive System'

Date: \_\_\_\_\_ /02/2025.

(This exam consists of 3 pages)

Score: \_\_\_\_ / 20 (40 divided by 2)

**A. The Human Skeleton:**

**Please use words from the word box in the spaces below. (25 marks)**

cartilage	2nd	increased	joints	spine	brain
eyes	27 bones	palm	backbone	femur	muscles
mandible	hallux	temporal	Lucy	breathing	carpals
frontal	metacarpals	The Proximal	joint	Homo Sapiens	26
shape					

1. There are \_\_\_\_\_ in the human hand.
2. The long bones in your fingers are called phalanges and they consist of the Distal Bone, The Middle Bone and \_\_\_\_\_ Bone.
3. There are 7 bones in the human palm and they are called \_\_\_\_\_ or more slangily \_\_\_\_\_ bones.
4. The long, thin bones connecting the carpals to the phalanges are \_\_\_\_\_.
5. The main purpose of the human skull is to *protect* the \_\_\_\_\_ and \_\_\_\_\_.
6. There are no bones in the *nose area of a skull* because the human nose is made of \_\_\_\_\_.
7. The bone in the forehead area is called the \_\_\_\_\_ bone.
8. The scientific name for the jaw bone is \_\_\_\_\_.
9. There is a large bone directly behind the human eyes called the \_\_\_\_\_ bone.
10. The oldest human skull ever found was Australopithecus Afarensis and was nicknamed \_\_\_\_\_.
11. Human brain size has \_\_\_\_\_ dramatically over the last 3 million years.

12. Modern man has a much larger skull than Australopithecus Afarensis. The scientific name for modern man is \_\_\_\_\_.
13. The bone in the \_\_\_\_\_ largest toe appears to be evolving into a longer bone.
14. There are \_\_\_\_\_ bones in the human foot.
15. The big toe only has 2 bones. The scientific name for the big toe is \_\_\_\_\_.
16. Our \_\_\_\_\_ hold our bones together and allow us to move.
17. The \_\_\_\_\_ is a long, hollow tube formed by vertebrae and cartilage. It is also referred to as the \_\_\_\_\_.
18. The place in where 2 bones meet and allow movement is called a \_\_\_\_\_.
19. Some bones in your rib cage can *move up and out* to enable \_\_\_\_\_.
20. The largest bone in the human body is found in the thigh and is called the \_\_\_\_\_.
21. There are a total of 33 \_\_\_\_\_ in the human foot!
22. The main functions of the human skeleton is to support our bodies and give us \_\_\_\_\_.

## **B. The Respiratory System:**

**Choose the correct word and enter it on the line provided. (10 marks)**

1. Every inhaled breath contains mostly this gas: \_\_\_\_\_.  
a) oxygen                      b) nitrogen                      c) carbon dioxide
2. Tiny air sacs in your lungs change oxygen into \_\_\_\_\_.  
a) CO<sub>2</sub>                      b) nitrogen                      c) hydrogen
3. Another name for your trachea is \_\_\_\_\_.  
a) windpipe                      b) throat                      c) neck
4. 3 important things for your respiratory system are: diet, sleep and \_\_\_\_\_.  
a) exercise                      b) friendships                      c) thinking

5. Fish get the oxygen they breathe from \_\_\_\_\_.

a) water

b) algae

c) water spiders

6. Scientists and doctors have proven that \_\_\_\_\_ causes lung cancer.

a) smoking cigarettes

b) eating blueberries

c) sneezing

7. When we breathe our ribcage moves outwards and \_\_\_\_\_.

a) downwards

b) inwards

c) upwards

8. Asthma is caused by the \_\_\_\_\_ of respiratory tubes.

a) narrowing

b) expansion

c) destruction

9. The air that we breathe out contains \_\_\_\_ oxygen than we breathe in.

a) more

b) less

c) the same

10. Sea mammals come to the surface of the water to obtain \_\_\_\_\_.

a) fresh water

b) oxygen

c) seals

### C. The Digestive System:

Please write True or False in the spaces provided.

(5 marks)

1. Gastric juices are produced in the stomach and small intestine.

\_\_\_\_\_

2. Fiber found in fruits and vegetables helps with the digestion system.

\_\_\_\_\_

3. Drinking plenty of sugary soda keeps our digestive systems healthy.

\_\_\_\_\_

4. Keeping leftover food in cold places reduces the bacteria on them.

\_\_\_\_\_

5. Expired food should not be eaten past the expiry date.

\_\_\_\_\_

Final Score \_\_\_\_ /20 (40 divided by 2)

Page 3