

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

## THE DIGESTIVE SYSTEM

The digestive \_\_\_\_\_ is made up of:

- the \_\_\_\_\_, where food is chewed and mixed with \_\_\_\_\_.
- the \_\_\_\_\_, which takes food to the stomach.
- the \_\_\_\_\_, where food is mixed up with \_\_\_\_\_.
- the \_\_\_\_\_ intestine, where small molecules are absorbed.
- the \_\_\_\_\_ intestine, where \_\_\_\_\_ is absorbed.
- the \_\_\_\_\_, where undigested material called \_\_\_\_\_ is stored, before being passed out of the \_\_\_\_\_.

absorb absorbed absorbs acid alkali anus body chemicals  
digestive enzymes faeces fats food gullet insoluble large  
minerals mouth proteins rectum saliva small soluble starch  
stomach system vitamins water

2. On the lines after each clue, write the **LETTER** of the correct word from the list below (A-M). Choices may be used more than once.

- |                             |                    |                     |
|-----------------------------|--------------------|---------------------|
| A. Anus                     | F. Mouth           | J. Small intestines |
| B. Oesophagus               | G. Pancreas        | K. Stomach          |
| C. Gallbladder              | H. Rectum          | L. Tongue           |
| D. Liver                    | I. Salivary Glands | M. Villi            |
| E. Large Intestines (Colon) |                    |                     |

1. Stores bile until it is secreted. \_\_\_\_\_
2. Fingerlike projections in the intestinal wall. \_\_\_\_\_
3. Regions where mechanical digestion occurs. \_\_\_\_\_ and \_\_\_\_\_

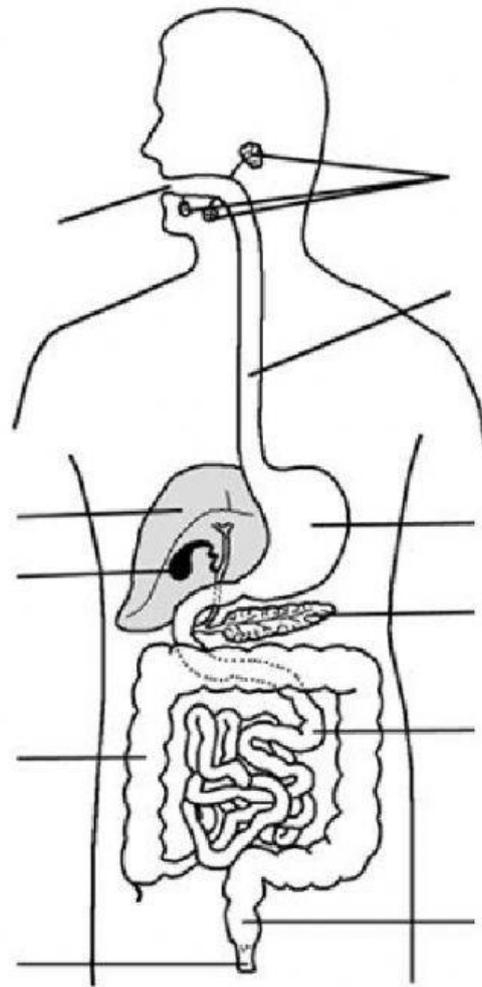
4. Organ that mixes food in the mouth. \_\_\_\_\_
5. Carries food to stomach from mouth. \_\_\_\_\_
6. Produces pancreatic juice (base + enzymes). \_\_\_\_\_
7. Organ responsible for absorption of most nutrients. \_\_\_\_\_
8. Organ involved in water absorption and feces formation. \_\_\_\_\_
9. Organ in which protein digestion begins. \_\_\_\_\_
10. Organ into which the stomach empties. \_\_\_\_\_
11. Organ that receives pancreatic juice and bile. \_\_\_\_\_
12. Opening through which feces are released from the body. \_\_\_\_\_
13. Produces bile. \_\_\_\_\_
14. Produce enzymes that begin starch digestion. \_\_\_\_\_
15. Stores feces until they are excreted. \_\_\_\_\_

**RESEARCH TIME!** What is my name?

I am a tiny organ attached to the large intestines, right where the small intestines empty into it. I no longer have any function in the human digestive system, but in herbivorous animals, I store useful gut bacteria that help them to break down plants in their diets. Since humans are omnivores and eat much more meat, I do not seem to have a job in humans anymore. However, I may get inflamed, cause a lot of abdominal pain and have to be removed because if I bursts while inflamed I can make you vey sick. What is my name?

\_\_\_\_\_

Write the correct labels for the indicated parts of the digestive system. Ensure proper spelling to get full marks. Use the PowerPoint: DIGESTIVE SYSTEM 2020 Parts 1 and 2 to assist you. Remember to complete the TITLE below the diagram.



**DIAGRAM SHOWING THE HUMAN**

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