**DIGESTIVE SYSTEM – MID-UNIT PRACTICE QUIZ**

1. **Which is NOT a key component of Gastric Juice?  
   A) Hydrochloric Acid**

**B) Mucous  
C) Pepsinogen  
D) Gastrin**

1. **Which of the following is NOT an Enzyme?  
   A) Pepsin**

**B) Gastrin  
C) Trypsin  
D) Lipase**

1. **Which hormone will see a spike in the bloodstream when your blood sugar is starting to get LOW?  
   A) Insulin  
   B) Gastric Inhibitory Peptide**

**C) Gastrin  
D) Glycogen  
E) Glucagon**

1. **Which of the following ENZYMES will help break Starch into Maltose?  
   A) Pancreatic Amylase  
   B) Gastrin  
   C) Pepsin**

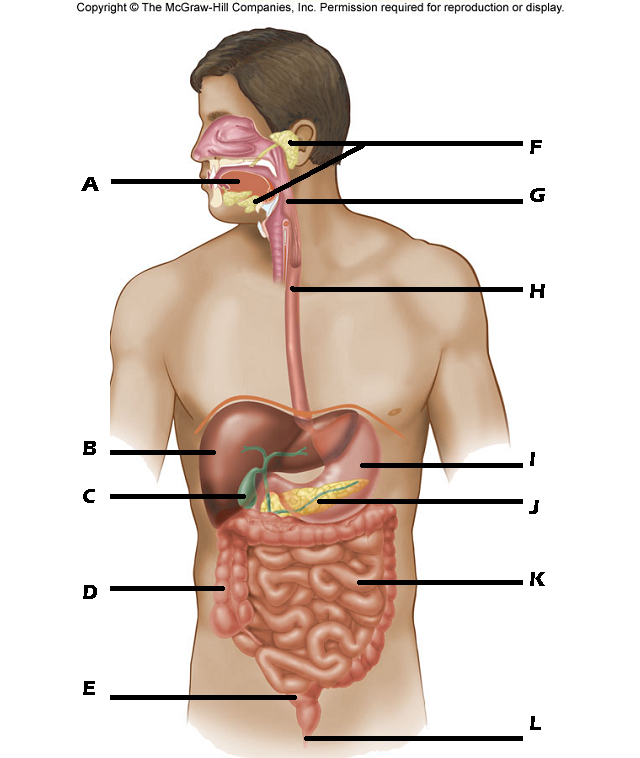
**D) Lipase  
E) Bile**

1. **Which of the following is a Hormone?  
   A) Pepsin  
   B) Nuclease  
   C) Trypsin  
   D) Gastrin**

**E) Bile**

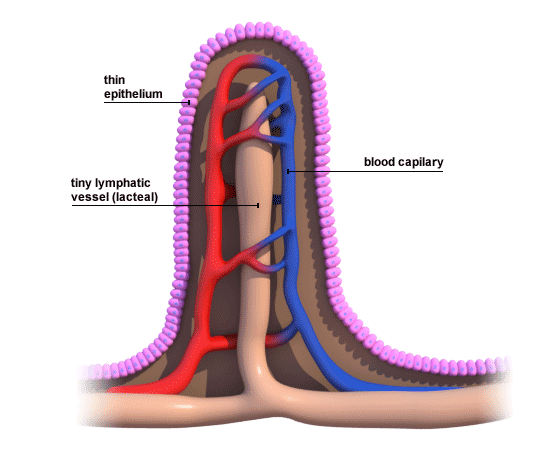
1. **Which organ is responsible for the production of BILE?  
   A) Pancreas  
   B) Liver  
   C) Duodenum  
   D) Stomach  
   E) Gall Bladder**
2. **Which of the following is produced by the Small Intestine (primarily the Duodenum)?  
   A) Gastrin  
   B) Peptidase  
   C) Trypsin  
   D) Lipase**
3. **Which of the following is responsible for turning on the exocrine glands which will produce more HCl acid?**
4. **CCK**
5. **GASTRIN**
6. **SECRETIN**
7. **GASTRIC INHIBITORY PEPTIDE**

**9. Which structure below produces BILE?**

[](http://www.google.ca/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http://www.worldaccordingtomaggie.com/photographyylms/digestive-system-diagram-quizzes&ei=234uVfCiI5D8oQSFrICYCA&bvm=bv.90790515,d.cGU&psig=AFQjCNEhXtd4AYsz5dRZxEP9LXzGq9hBvA&ust=1429196890447015)

**10. Secretions from which structure above will cause the acidic chyme leaving the stomach to go from a pH of 2.5** 🡪 **pH of 8.0?**

1. **In the diagram below what is the name of the central vessel that the "Arrow X" is pointing to?**

[](http://www.google.ca/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http://www.bbc.co.uk/bitesize/standard/biology/animal_survival/the_need_for_food/revision/8/&ei=jn8uVZXmFcX8oATBh4DgCw&bvm=bv.90790515,d.cGU&psig=AFQjCNHoMUQwU5W2VsDYkYl8KKpPLLjx5Q&ust=1429197069469604)

X

1. **The structure the "Arrow X" is pointing to would be responsible for the absorption of….**
2. **Fats**
3. **Carbohydrates**
4. **Vitamins**
5. **Amino Acids**
6. **Minerals**

**13. Which hormone is primarily responsible for stimulating the release of BILE?**

1. **INSULIN**
2. **CCK**
3. **SECRETIN**
4. **GASTRIN**
5. **GLUCAGON**

**14. Which of the following is NOT a role of the LIVER?  
A) Production of plasma proteins**

**B) Production of bile**

**C) Production of cholesterol**

**D) Production of Trypsin**

**E) Storing extra Glucose as Glycogen**

1. **Which organ is responsible for the production and release of LIPASE?  
   A) Stomach**

**B) Duodenum**

**C) Pancreas**

**D) Liver**

1. **Which of the following is an example of PHYSICAL digestion?**
2. **Breaking starch into maltose**
3. **Breaking proteins into short peptide chains**
4. **Breaking triglycerides into glycerol and fatty acids**
5. **Breaking fat clumps into fat droplets**
6. **None of the above are examples of Physical Digestion**

**ANSWER KEY**

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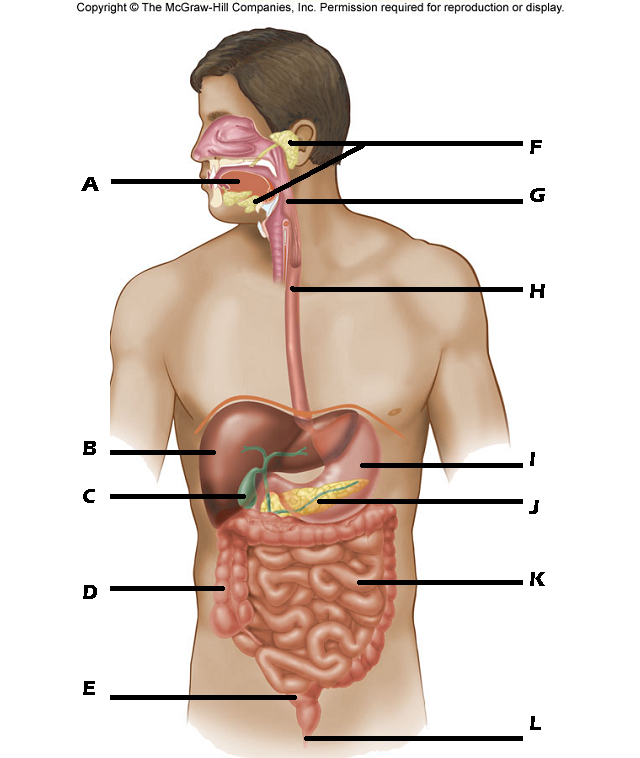
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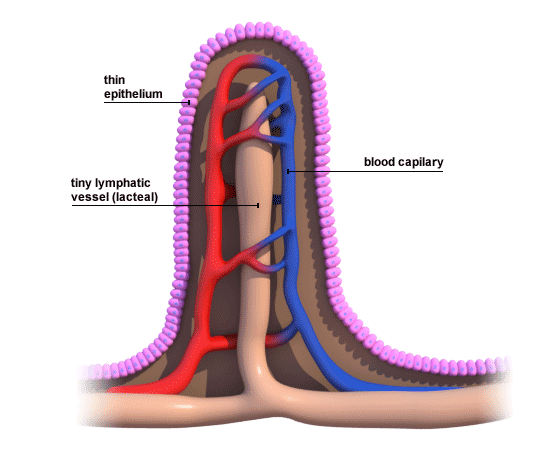
[](http://www.google.ca/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http://www.worldaccordingtomaggie.com/photographyylms/digestive-system-diagram-quizzes&ei=234uVfCiI5D8oQSFrICYCA&bvm=bv.90790515,d.cGU&psig=AFQjCNEhXtd4AYsz5dRZxEP9LXzGq9hBvA&ust=1429196890447015)

**STRUCTURE B**

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**STRUCTURE J**

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[](http://www.google.ca/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http://www.bbc.co.uk/bitesize/standard/biology/animal_survival/the_need_for_food/revision/8/&ei=jn8uVZXmFcX8oATBh4DgCw&bvm=bv.90790515,d.cGU&psig=AFQjCNHoMUQwU5W2VsDYkYl8KKpPLLjx5Q&ust=1429197069469604) **LACTEAL**

X

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