



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

## WORK SHEET – 16 (SOLUTIONS)

Class: IX

Sub: LIFE SCIENCE

Date: 24.04.2020

Topic: Vital organs : Skin, Stomach and Pancreas

F.M. : 15

**Choose the correct option:**

**(1x15=15)**

1. Which is the largest organ in our bodies:

- a) Large intestine b) Stomach c) Skin d) Lungs

**Answer: Skin (c)**

2. Different tissues present in skin are:

- a) Sweat glands b) hair follicles c) receptors d) all of these

**Answer : All of these (d)**

3. Which of these is not a function of skin:

- a) Protection against pathogens b) Sensation c) release of hormones d) thermoregulator

**Answer : Release of hormones (c)**

4. What is the shape of stomach?

- a) A- shape b) J - Shape c) M- shape d) oval shape

**Answer : J- shape**

5. The acid secreted by stomach to aid digestion:

- a) Sulphuric acid b) nitric acid c) hydrochloric acid d) citric acid

**Answer : Hydrochloric acid (c)**

6. The function of hydrochloric acid in stomach:

- a) Kills the germs in stomach b) provides relevant pH for enzymes to function c) digests proteins d) Both (a) and (b)

**Answer : Both (a) and (b)**

7. The partially digested food released from stomach to duodenum:

- a) Chyle b) Starch c) Chyme d) all of these

**Answer : Chyme (c)**

8. The enzyme secreted by stomach to digest protein is:

- a) Pepsin b) lipase c) amylase d) Both (a) and (b)

**Answer: Pepsin (a)**

9. Organs which are located in the abdominal cavity:  
a) Heart b) Stomach c) Pancreas d) Both (b) and (c)  
**Answer : Both (b) and (c) (d)**
10. The type of gland Pancreas is:  
a) Endocrine b) Heterocrine c) Exocrine d) none of these  
**Answer : Heterocrine (b)**
11. The endocrine part of the pancreas include the following cells:  
a) Alpha cells b) Beta cells c) Delta cells d) all of these  
**Answer ; All of these (d)**
12. Beta cells of pancreas secrete the hormone:  
a) somatostatin b) glucagon c) insulin d) all of these  
**Answer : insulin (c)**
13. Exocrine part of pancreas does not secrete the following enzyme:  
a) pepsin b) amylase c) lipase d) trypsin  
**Answer : Pepsin (a)**
14. The islets of Langerhans are found in:  
a) Stomach b) Pancreas c) Skin d) Liver  
**Answer : Pancreas (b)**
15. The hormone which is responsible for maintaining blood glucose level in blood:  
a) Insulin b) somatostatin c) insulin and glucagon d) insulin and somatostatin  
**Answer : insulin and glucagon (c)**

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