

Name: _____

Marking Key

Validation

Part A

14 marks

1. What is the main cause and treatment of gallstones

(2 marks)

① Cause: Cholesterol

① treatment: Diet + Surgery + medication Dissolve
(low fat)

2. Your friend has been complaining about vomiting a lot and having a sore stomach, what do you think they have based on your research?

(4 marks)

① Ulcers

① vomit:

① Stomach:

① why Ulcer

3. Explain the cause of your chosen disorder from Question 2

(3 marks)

③ Detailed

② lacking details

① State 1 thing

4. For the disorder that you researched, choose a treatment and explain one advantage and one disadvantage

(3 marks)

① Adv

① Dis

① Correct treatment

5. If someone has diarrhoea explain why their digestive system is less efficient

(2 marks)

① Large Intestine absorbs water

① passed too quickly

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Part B: Fructose Malabsorption

16 marks

6. State and explain how nutrients are absorbed into the blood stream in the intestines

(2 mark)

① Util - Diffuse into ①
① Fructose Carriers

7. Given that Fructose is a simple sugar, which enzyme is responsible for its breakdown and where is it found

(3 marks)

① Amylase
① Mouth
① Intestines - Pancreatic Juice

8. Explain which macromolecule fructose is classified as. You may use diagrams to support your answer

(3 marks)

① Carbohydrate
① Simple Sugars
① Carbs are multiple SS connected

9. In your own words, describe how Fructose intolerance is diagnosed

(4 marks)

① H Breath Test
① high Fructose drink
① Analyse breath - 3hrs total
① ↑ Fructose ↑ H

10. State two disorders that are linked to Fructose intolerance

(2 marks)

IBS Colitis
Crohn's Coeliac

11. Is this a reliable source? Explain why/why not

(2 marks)

No, Ads, website