

Biology Mock Ex. 2

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1. Compare the pH values of juices contained in stomach and gall bladder?
 - i. What juice is contained in F? state its function
 - ii. Name juice(s) required to digest egg white
 - iii. Digestive product of egg white is transported to small intestine
 - a) What is this product?
 - b) What process is carried out by pancreas when an excess of this product is present?
2. A man came out of the a black room and stood under sunshine. Describe how his eyes would adapt to the bright daylight. Explain why this would be necessary.
 - i. After looking at his watch, the man tried to locate the bus stop which is far away from him. Describe and explain the changes that occurred in his eyes.
 - ii. The man had an eye defect in which he was unable to see clearly the number painted on the sign post of the bus stop. Draw a simple diagram to show the path of the light rays when his eye was focusing on the number on the sign post.
 - iii. The man tried to shield his eye from the strong sunlight by putting his hand above his forehead. Is this action reflex or voluntary?