

## Multiple Choice Questions

1. Select the correct answer.

(i) Pepsinogen is activated to pepsin by

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|---------------------------|-----------------------|
| (A) active secretin       | (B) hydrochloric acid |
| (c) active pepsin and HCl | (D) gastrin           |

(ii) Liver secretes bile into the

- |              |               |
|--------------|---------------|
| (A) duodenum | (B) ileum     |
| (c) Jejunum  | (D) peritonem |

(iii) Emulsification of fat will not occur in the absence of

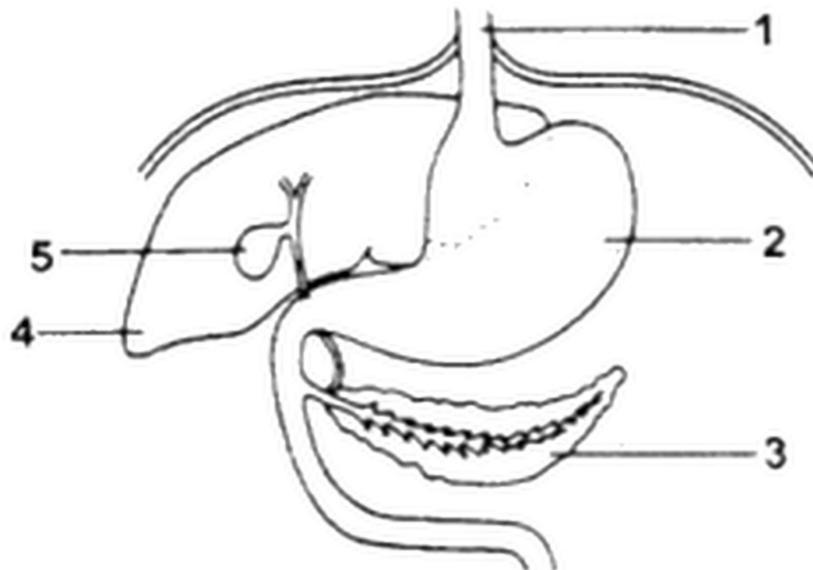
- |               |                      |
|---------------|----------------------|
| (A) lipase    | (B) bile pigment     |
| (c) bile salt | (D) pancreatic juice |

(iv) Fatty acids and glycerol are first absorbed by

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|-----------------------|----------------------|
| (A) lymph             | (B) villi            |
| (c) blood capillaries | (D) pancreatic juice |

(v) The diagram shows part of the human alimentary canal. Which two structures produce substances involved in the digestion of fat?

- |             |             |
|-------------|-------------|
| (A) 1 and 5 | (B) 3 and 4 |
| (c) 2 and 3 | (D) 4 and 5 |



(vi) The hormone responsible for stimulating secretion of hydrochloric acid by stomach cells is

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|-------------|--------------|
| (A) pepsin  | (B) secretin |
| (c) gastrin | (D) insulin  |

(vii) On removal of pancreas the compound, which remains undigested, is

- |             |         |
|-------------|---------|
| (A) protein | (B) fat |
|-------------|---------|

(c) glucose

(D) lactose

**(viii) Excess intake of the following causes obesity**

(A) vitamin

(B) proteins

(c) carbohydrates

(D) mineral

**(ix) Enzyme trypsinogen is changed to trypsin by**

(A) gastrin

(B) enterokinase

(c) secretin

(D) hydrochloric acid

**ANSWERS**

- |        |         |          |        |       |
|--------|---------|----------|--------|-------|
| (i) C  | (ii) A  | (iii) C  | (iv) A | (v) B |
| (vi) C | (vii) A | (viii) C | (ix) B |       |

