

Revision Sheet

IGCSE Biology · Unit 7 Human nutrition

20 vocabulary items · 30 marks of exam questions (7 questions)

Part 1 · Vocabulary review answer key. Section A wants the exact English spelling.

Question	Answer	Marks
1	balanced diet	1
2	calcium	1
3	mineral ions	1
4	iron	1
5	scurvy	1
6	alimentary canal	1
7	stomach	1
8	small intestine	1
9	liver	1
10	ingestion	1
11	nutrients	1
12	egestion	1
13	teeth	1
14	bile	1
15	lipase	1
16	amylase	1
17	protease	1
18	maltose	1
19	villi	1
20	lacteal	1

Multiple Choice Answers

Q21: A

Q22: C

Q23: B

Q24: B

Q25: B

26(a)	breakdown of large molecules to small molecules ; insoluble to soluble (molecules) ;		
26(b)(i)	enzyme	substrate	products
	amylase	starch ;	simple reducing sugars
	lipase	fats and oils	fatty acids ; glycerol ;
	protease	proteins	amino acids ;
26(b)(ii)	<i>amylase</i> : pancreas / salivary gland ; <i>lipase</i> : pancreas ; <i>protease</i> : pancreas / stomach ;		
26(c)(i)	hydrochloric ;		
26(c)(ii)	killing (named), harmful microorganisms / pathogens (in food) ; providing, an acidic / correct / optimum, pH for enzymes ;		

27(a)	H ; A ; F ; G ; C ; C ;
27(b)	<div> <div>nutrient</div> <div>fat</div> <div>protein</div> </div> <div> <div>molecule</div> <div>amino acid</div> <div>glucose</div> <div>glycerol</div> <div>hydrochloric acid</div> </div> <pre> graph LR fat[fat] --- glycerol[glycerol] protein[protein] --- amino acid[amino acid] </pre> <div>;;</div>
27(c)	(vitamin) D ;
27(d)	<i>calcium</i> : for, bones / teeth ; <i>iron</i> : for, haemoglobin / red blood cells ;
27(e)	<i>any two from</i> : (named) carbohydrate ; water ; fibre / roughage ;