Revision Sheet

IGCSE Biology · Unit 7 Human nutrition

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

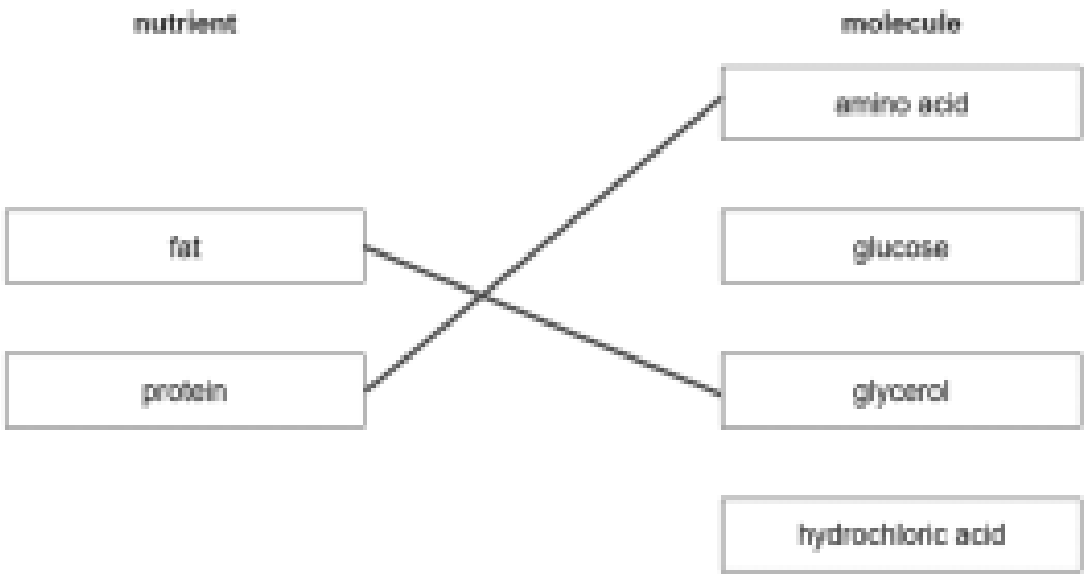
Part 1 · Vocabulary review answer key. Section A wants the exact English spelling.

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

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

27(a)	**H ;** **A ;** **F ;** **G ;** **C ;** **C ;**
27(b)	 **;;**
27(c)	(vitamin) D **;**
27(d)	*calcium:* for, bones / teeth **;** *iron:* for, haemoglobin / red blood cells **;**
27(e)	*any two from:* (named) carbohydrate **;** water **;** fibre / roughage **;**