

Revision Sheet

IGCSE Biology · Unit 2 Organisation of the organism

12 vocabulary items · 19 marks of exam questions (4 questions)

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

Question	Answer	Marks
1	cell membrane	1
2	cytoplasm	1
3	mitochondria	1
4	vacuole	1
5	oxygen	1
6	sperm	1
7	organism	1
8	tissue	1
9	organ	1
10	organ system	1
11	magnification	1
12	specimen	1

Multiple Choice Answers

Q13: D

Multiple Choice Answers

Q14: C

15(a)	<i>label:</i> nucleus ; label line drawn that ends on the nucleus in the photomicrograph ;
15(b)	microscope ;
15(c)	<i>any two from:</i> cell wall ; vacuole ; chloroplast ;
15(d)(i)	membrane ;
15(d)(ii)	arrow drawn pointing from outside cell to inside cell ;
15(d)(iii)	diffusion ;

16(a)(i)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>functions</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">contains and supports other cell structures</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">controls the activities of the cell</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">controls which substances enter or leave the cell</div> <div style="border: 1px solid black; padding: 5px;">protein synthesis</div> </div> <div style="text-align: center;"> <p>letter in Fig. 2.1</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">A</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">B</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">C</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">D</div> <div style="border: 1px solid black; padding: 5px;">E</div> </div> </div> <pre> graph LR F1[contains and supports other cell structures] --- A[A] F2[controls the activities of the cell] --- E[E] F3[controls which substances enter or leave the cell] --- C[C] F4[protein synthesis] --- D[D] </pre> <p style="text-align: right;">;;;</p>
16(a)(ii)	<p><i>any two from:</i> A / C / D ;;</p>
16(b)	<p><i>any three from:</i> movement ; sensitivity ; growth ; reproduction ; excretion ; nutrition ;</p>