

Revision Sheet

IGCSE Biology · Unit 10 Diseases and immunity

8 vocabulary items · 28 marks of exam questions (12 questions)

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

Question	Answer	Marks
1	pathogen	1
2	disease	1
3	vaccination	1
4	memory cells	1
5	passive immunity	1
6	cholera	1
7	toxin	1
8	chloride ions	1

Multiple Choice Answers

Q9: C

Q10: B

Multiple Choice Answers

Q11: A

Multiple Choice Answers

Q12: A

Multiple Choice Answers

Q13: B

Multiple Choice Answers

Q14: A

Multiple Choice Answers

Q15: A

Multiple Choice Answers

Q16: C

Q17: C

Q18: B

19(a)	hairs ; mechanical ; antibodies ; engulf ;
19(b)	(named examples of) hygienic food, preparation / storage ;;; (named examples of) good personal hygiene ;;; (named example of) appropriate waste disposal ;

20(a)(i)	<p><i>any two from:</i> ref. to <u>passive immunity</u> ; <i>idea of</i> immediate / fast, protection / response / AW ; AVP ; e.g. idea that gives time for immune system to produce own, antibodies / antitoxins</p>
20(a)(ii)	<p><i>any three from:</i> ref. to <u>active immunity</u> ; (more) memory cells are produced ; long-term, immunity / protection ; after second injection higher concentration of antibodies than passive immunity ; reduces the chance of catching the disease (again) / AW ; response to second injection is, <u>faster</u> / <u>greater</u>, than first ; AVP ;</p>
20(b)	<p><i>any four from:</i> pathogens have antigens ; antibodies, lock on to, antigens / pathogens ; antibody is <u>specific</u> (to antigen / pathogen) ; antibody has a complementary (shape) to antigen / AW ; antibody marks pathogen for, destruction by phagocytes / phagocytosis ; antibodies destroy pathogens / described ; AVP ;</p>
20(c)	<p><i>any two from:</i> absorbs / transports, fat / fatty acids (and glycerol from lacteals) ; drains / AW, tissue fluid ; returns, fluid / lymph, to, blood / plasma ; AVP ;</p>