

Assessment sheet 8.1: Answers to activities in Chapter 8

This resource provides you with answers and suggested responses to the activities in Chapter 8 ‘Science and technology’ of the *IB English B* coursebook.

Unit 8.1: Future humans

- 1.6**
- | | |
|-----------------------------|-----------------------------|
| a inject/insert | g denounce/criticise |
| b transfer/move | h gag/censor |
| c testify/declare | i implore/ask |
| d viable/sustainable | j exhaust/try |
| e deliver/create | k refine/improve |
| f intensify/increase | l dismiss/reject |

- 1.9**
- | | |
|-------------------------------|-----------------------------------|
| a sorting/filtering | g yields/returns |
| b daunting/challenging | h issue/problem |
| c proposed/suggested | i trigger/start |
| d initial/first | j trait/characteristic |
| e extending/prolonging | k toxic/poisonous |
| f fluctuations/changes | l extinction/disappearance |
| | m emergence/arrival |

- 1.10**
- | | |
|------------|------------|
| 1 d | 5 a |
| 2 h | 6 g |
| 3 f | 7 e |
| 4 b | 8 c |

- 1.12**
- | | |
|-----------------|-----------------|
| a seem | e would |
| b should | f might |
| c tend | g try |
| d could | h decide |

- 1.13**
- | | |
|-----------------|----------------|
| a will | e could |
| b should | f will |
| c could | g would |
| d can | |

- 1.21** **a** clients **g** devastated
b provide **h** conceive
c prohibited **i** infertile
d abide **j** complied
e breach **k** enforceable
f reputable

Unit 2: Animal testing

- 2.4** **a** appropriate **e** procedure
b implement **f** issue
c conduct **g** basis
d conditions **h** research

- 2.5** **a** Not only are animal tests extremely cruel, they are also completely inaccurate.
b Animal studies teach us nothing about the health of humans because human reactions to illnesses and medications are completely different from the reactions of other animals.
c The truth is that testing on animals is just plain bad science which harms humans and other animals alike.
d Many vivisectors come to India because, in their own countries, they cannot get away with doing the type of animal testing they can here.
e Every year, research facilities...squander valuable time and resources as well as millions of rupees conducting experiments on monkeys, dogs ... and other animals.
f Although the CPCSEA ... is supposed to help implement good laboratory practices and ensure that animal testing is carried out under proper conditions, animal research in India is notoriously riddled with problems.
g NAVS found key faults in the animal testing industry in India and concluded that years of scientific research in India have been invalidated by poor scientific procedure, poor laboratory practices and a lack of appropriate animal care.

- 2.7** **a** treat **d** rife
b overcome **e** mainstream
c tackle **f** advanced

- 2.8** **a** True **d** True
b True **e** False
c True **f** True



- 2.9**
- a** Extreme measures have been taken by activists.
 - b** Cruelty-free cosmetics have been developed by scientists.
 - c** Animal rights have been protected by politicians.
 - d** Very few monkeys have been used by scientists
 - e** Animal testing has not been encouraged by the IB.

- 2.17**
- | | |
|--------------------------|---------------------|
| a witness | g subject |
| b stringent | h deemed |
| c alleviate | i opt out |
| d vanguard | j breach |
| e pathogens | k compromise |
| f ground breaking | |