

Name _____ Date _____

End of Unit 3 test

Topic vocabulary

Use the terms in the box related to science to complete the sentences.
There are two extra terms that you do not need to use.

school field trip	bone defects	CO ₂ levels	collect data
compare and contrast	disprove theories	experimental medicine	infectious diseases
make predictions	microbiology	mix chemical solutions	stem cells

Example:

- 0 The class went on a school field trip to the mountains to measure the depth of the snow there and compare it to previous years.

-
- 1 The class used plant identification guides to on how many different species they found in an area of one square metre. [1]
- 2 Before the experiment, students were asked to about which object would fall a distance of two metres the fastest. [1]
- 3 Antibiotics are used to treat many different, for example meningitis and tuberculosis. [1]
- 4 One role of a scientist is to try to that other scientists have proposed and provided evidence for. [1]
- 5 Hakkim is studying at university, so he is learning all about moulds, bacteria and viruses, as well as other tiny organisms. [1]
- 6 Scientists have found that in our atmosphere are higher than they have been for millions of years. [1]

- 7 My favourite part of our science classes is when we together and work out what's happening to the different substances in them. [1]
- 8 Students had to two different animals, finding at least three similarities and three differences. [1]
- 9 The soft material inside our bones, the marrow, produces, which can turn into several different constituents of our blood. [1]

[Total: 9 marks]

Use of English 1: Zero and first conditionals

Use the two ideas to form zero conditionals and first conditionals.

Example:

0 weather hot / ice cream melt quickly ...*If the weather is hot, ice cream melts quickly.*

Zero conditional

- | | |
|--|-----|
| 10 switch the oven on / get hot | [1] |
| 11 water reach 100 °C / boil | [1] |
| 12 babies cry / hungry | [1] |
| 13 freeze water / turn to ice | [1] |
| 14 substances containing sodium burn / yellow flame produced | |
| | [1] |

First conditional

- | | |
|---|-----|
| 15 you sit sun too long / sunburn | [1] |
| 16 she get into trouble / hand science homework in late | |
| | [1] |
| 17 they work hard / pass all exams | [1] |
| 18 I see thunderclouds / not go to park | [1] |
| 19 we miss start of performance / train late | |
| | [1] |

[Total: 10 marks]

Academic language

Choose the correct word (A, B, C or D) to complete the sentences.

Example:

0 The study of tiny organisms like bacteria and viruses is known as

- A ornithology **B microbiology** C chemistry D ecology
-

20 The study of birds is known as

- A dermatology B zoology C ecology D ornithology [1]

21 The study of animals is known as

- A chemistry B meteorology C zoology D physics [1]

22 The study of matter, forces, energy, etc. is known as

- A physics B physiology C dermatology D zoology [1]

23 The study of the weather is known as

- A meteorology B physics C physiology D ecology [1]

24 The study of the human body and how it works is known as

- A zoology B physiology C ecology D ornithology [1]

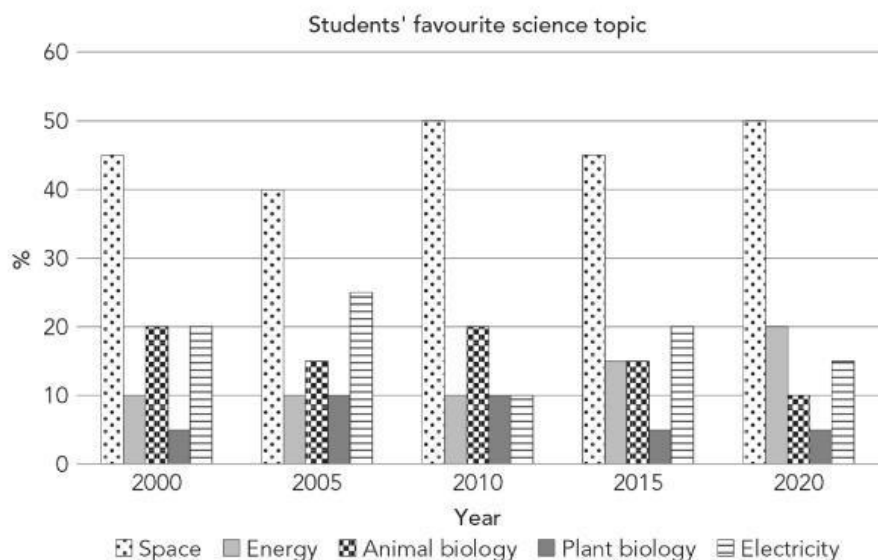
25 The study of the skin is known as

- A ecology B ornithology C dermatology D zoology [1]

[Total: 6 marks]

Use of English 2: Reporting survey results – expressing statistics

Use the graph about students' favourite science topic and a word or term from the box to complete the sentences.



Almost half	15%	20%	50%
65%	Almost a third	Every other	Four out of ten
One out of ten	One out of twenty	The vast majority	

Example:

0 *Almost half* of the students chose space as their favourite topic in 2015.

26 of students chose electricity as their favourite topic in 2000. [1]

27 students chose energy as their favourite topic in 2005. [1]

28 of students chose space, energy or electricity as their favourite topic in 2020. [1]

29 of students chose animal biology as their favourite topic in 2015. [1]

30 students chose either animal biology or electricity as their favourite topic in 2000. [1]

- 31 students chose plant biology as their favourite topic in 2020. [1]
- 32 of students chose either electricity or space as their favourite topic in 2005. [1]
- 33 of students chose either energy or animal biology as their favourite topic in 2015. [1]
- 34 of students chose subjects apart from space as their favourite topic in 2010. [1]
- 35 student chose space as their favourite topic in 2020. [1]

[Total: 10 marks]