

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.

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- 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]

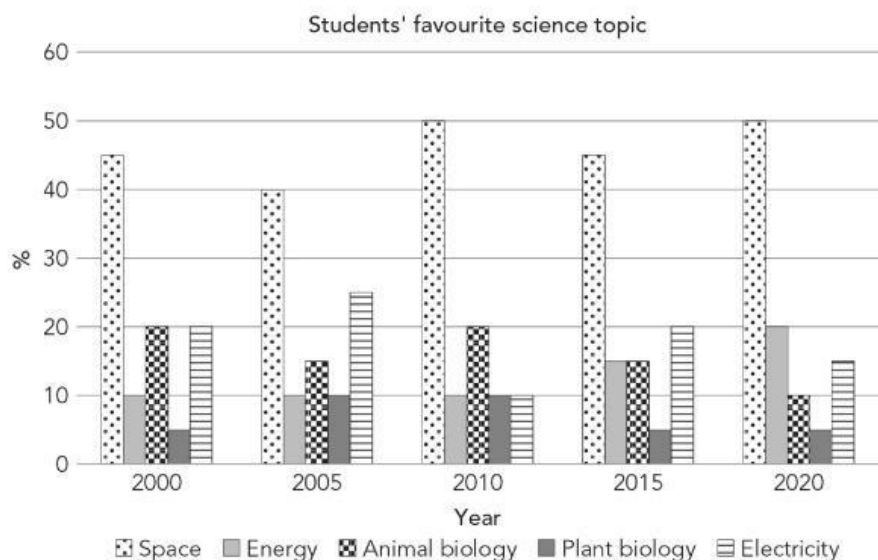
25 The study of the skin is known as

- 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]