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MITTELSCHULEN AARGAU

**AUFNAHMEPRÜFUNG FACHMITTELSCHULE,
WIRTSCHAFTSMITTELSCHULE UND INFORMATIKMITTELSCHULE**

Englisch

Aufgaben 2023

English

Name, Vorname: _____

Zuletzt besuchte Schule: _____

Hinweis:

Alle Aufgaben sind direkt auf die Prüfungsblätter zu schreiben.

Eintragungen mit Bleistift sind ungültig!

Empfohlene Zeiteinteilung:

20 Minuten für Part A, 20 Minuten für Part B, und 20 Minuten für Part C.

	Maximale Punktzahl	Erreichte Punktzahl
Part A: Reading	22	
Part B: Use of English	27	
Part C: Writing	23	
Total	72	

Note: _____

Datum: _____

Visum 1: _____

Visum 2: _____

Asteroids

A

In 2010, the planetary defence team at NASA had identified and recorded 90 per cent of the asteroids near Earth measuring 1km wide. These 'near-Earth objects', or NEOs, are the size of mountains and include anything within 50 million kilometres of Earth's orbit. With an estimated 50 left to log, NASA says none of the 887 it knows about are a significant danger to the planet.

B

Now NASA is working towards logging some of the smaller asteroids, those measuring 140 metres wide or more. Of the 25,000 estimated asteroids of this size, so far about 8,000 have been logged, leaving 17,000 unaccounted for. Considering that a 19-metre asteroid that exploded above the city of Chelyabinsk in Russia in 2013 injured 1,200 people, these middle-sized asteroids would be a serious danger if they enter Earth's orbit.

C

Whether NASA can find the remaining middle-sized NEOs depends on getting the money to build NEOCam, a 0.5-metre space telescope which would use infrared light to locate asteroids. If it did get the money, it could probably achieve its goal in ten years. Once logged, the planetary defence team would still need to work out how to defend the planet against being hit by the truly worrying asteroids – the PHAs.

D

'Potentially Hazardous Asteroids' are rocks close enough to pass within 7.5 million kilometres of Earth's orbit. NASA has created a map of 1,400 PHAs, none of which are expected to be a threat in the next one hundred years. With technology already available, NASA can track these objects and make predictions about possible impact, at which point two defence solutions could be launched.

E

The first is DART – the Double Asteroid Redirection Test. Plans are scheduled to test DART on the moon of an asteroid called Didymos. 'Didymoon' is 150 metres wide, orbiting its 800-metre mother, and hopefully the impact of DART will knock it out of its orbit enough for Earth-based telescopes to pick up.

F

Another suggested defence against a PHA on course to hit Earth is to blow it up using a nuclear weapon. It may sound like a plot from a film, and it was the subject of the 1998 film *Armageddon*, but the Hypervelocity Asteroid Mitigation Mission for Emergency Response (HAMMER) is a genuine NASA proposal. The eight-ton rockets would be fired at an approaching asteroid with the hope of bumping it off course. If the asteroid was too close to Earth for this plan to work, the rockets would carry nuclear bombs to blow it up instead.

(Text from: www.britishcouncil.org/learnenglish)

Glossary:

to log:	to enter a fact into a systematic record
to be unaccounted for:	to be in an unknown location

Part A**Reading**

**I Match the definitions (a–j) with the vocabulary (1–8) from the text.
There are two definitions too many.**

1) _____ an asteroid	a) to walk swiftly
2) _____ an orbit	b) a rock that flies through outer space
3) _____ to pick up	c) the path of an object around a planet
4) _____ to track	d) to go by
5) _____ infrared	e) a dark red colour
6) _____ significant	f) a kind of light humans can't see without special glasses
7) _____ hazardous	g) to follow the movement or progress of something
8) _____ to pass	h) identify
	i) dangerous
	j) likely to have influence or effect

_____ / 8 P.

II Match the paragraphs (A-F) in the text with the information it contains (1-6)

1. ___ Information about a plan that needs finance before it can happen
2. ___ An unrealistic-sounding way to solve the problem of an asteroid crashing into Earth
3. ___ Information about asteroids that are the biggest danger to Earth
4. ___ Information about the numbers of unidentified asteroids near Earth
5. ___ Information about NASA's most successful project to record asteroids near Earth
6. ___ A solution planned for testing

_____ / 6 P.

Part A**Reading**

III According to the text, decide whether the following statements are true or false.

	true	false
1) Earth doesn't appear to be in any danger from any asteroids that measure one kilometre wide.		
2) We don't need to worry about small asteroids under 20 metres wide.		
3) The asteroid that exploded above a Russian town in 2013 was a "PHA" asteroid.		
4) A special telescope will provide a complete defence against asteroids hitting Earth.		
5) PHAs are the biggest concern, but they're still not an immediate threat.		
6) NASA's HAMMER defence strategy was first used in 1998		
7) Didymoon is an asteroid		
8) HAMMER may or may not need nuclear weapons to save Earth from an asteroid.		

_____ / 8 P.

Total Part A: _____ / 22 P.

Part B**Use of English**

I In each group of three sentences, **ONLY ONE IS CORRECT**. Write the letter of the **CORRECT** sentence in the gap.

- 1) _____ A You don't have to smoke in here.
B You mustn't smoke in here.
C You don't must smoke in here.
- 2) _____ A When might the package arrive?
B When will the package might arrive?
C When the package might arrive?
- 3) _____ A Cathy will probably be late again.
B Cathy probably will be late again.
C Cathy won't probably be late again.
- 4) _____ A We definitely might not have time to see a film.
B We definitely won't have time to see a film.
C We definitely might have time to see a film.
- 5) _____ A We hadn't to do any homework.
B We mustn't have to do any homework
C We didn't have to do any homework
- 6) _____ A Tom might to be in his office at the moment.
B Tom might being in his office at the moment.
C Tom might be in his office at the moment.

_____ / 3 P.

II Which sentence is **NOT** correct. Write down the letter of the **INCORRECT** sentence.

- 1) _____ A We worked hardly.
B They ran quickly.
C The patient breathed heavily.
- 2) _____ A That girl walks very strangely.
B That girl behaves very strangely.
C That girl looks very strangely.
- 3) _____ A Mr Jones always works carefully.
B Mr Jones always works lately.
C Mr Jones always works silently.

Part B**Use of English**

- 4) _____ A Your son runs very fastly.
B Your son runs very fast.
C Your son runs very quickly.
- 5) _____ A My uncle tells stories good.
B My uncle tells stories well.
C My uncle tells good stories.
- 6) _____ A Anna politely spoke to her teacher.
B Anna spoke polite to her teacher.
C Anna spoke politely to her teacher.

_____ / 3 P.

III Which word or phrase completes the sentence? Write A, B or C in the gap.

- 1) _____ the sunshine, the temperatures are low.
A Despite of
B Although
C Despite
- 2) John bought the watch _____ it was expensive.
A although
B however
C in spite
- 3) In spite of _____ , the team won the match.
A their inexperience
B they were inexperienced
C their experience
- 4) He stayed up to watch the match _____ he was really tired.
A however
B even though
C despite of
- 5) We went indoors _____ cold weather outside
A due to it was
B due to the
C due the
- 6) I don't eat meat, _____ , I eat fish.
A furthermore
B however
C moreover

_____ / 3 P.

Part B	Use of English
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IV Odd word out: You have to choose the word that is different from the other words and CIRCLE THE ODD WORD OUT.

- 1) robber – burglar – thief – beggar – bandit
- 2) anxious – ambitious – annoyed – adore – attentive
- 3) you – its – her – our – my
- 4) peel – melt – fry – iron – grate
- 5) correct – appropriate – accurate – precise – average
- 6) deer – moose – goose – goat – sheep

_____ / 3 P.

V Phonetics: In each line CIRCLE THE WORD in which the underlined part is pronounced in a different way.

- 1) meet – repeat – treat – complete – need
- 2) bear – beard – care – fair – heir
- 3) would – blood – wood – could – stood
- 4) head – dead – spread – meat – bread
- 5) horse – course – worse – source – divorce
- 6) though – enough – tough – rough – stuff

_____ / 3 P.

VI Prepositions: Cross out the mistake in each of the following sentences and write the correct word next to the sentence. There is only one mistake per sentence.

Example: 0) I had to get dressed ~~with~~ a hurry because I overslept. in

- 1) We were to the back of the queue and had to wait for an hour. _____
- 2) Where are those letters I left at the desk? _____
- 3) I saw a mistake at the beginning from the text. _____
- 4) Turn left on the next crossing. _____
- 5) That man over there keeps looking after you, Mary. Do you know him? _____
- 6) There aren't many public toilets at the city centre. _____

_____ / 3 P.

Part B**Use of English****VII Read the letter and circle the correct answer for each gap from the selection.**

Dear Julie

As you know I (1) _____ in Paris a week ago, but there was a problem with my luggage. Unfortunately, it had been sent to Lisbon instead of Paris. Someone (2) _____ me from the airport to go there and pick up my luggage. That's why I (3) _____ at home when you (4) _____. At the time I (5) _____ to find my suitcases among those which had arrived from Portugal. It (6) _____ me the whole afternoon to do that. Well, I'm sure you want to know what's going on now in Paris.

The family who I (7) _____ with at the moment are very nice. They treat me exactly like one of them. They (8) _____ me to all of their friends. I share a room with the daughter of their family, who is about my age. Every morning her mother (9) _____ us up with a cup of tea. Herbie, Jane's father, is also a nice guy. He lets Jane and me do everything we want. He even (10) _____ us to take his car when we want to go somewhere.

Tomorrow will be my first day at language school and I am really looking forward to it. They told me to be there at 9 o'clock. I (11) _____ a placement test in the morning. I expect they (12) _____ the results by the end of the day. As soon as I learn how I did, I will give you a call. Well, that's all for now. Please write soon.

Love, Claire

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|-------------------------|---------------------------|--------------------------|--------------------------|
| 1) A was arriving | B arrived | C left | D was leaving |
| 2) A was telling | B was calling | C called | D told |
| 3) A was | B was being | C was not | D wasn't being |
| 4) A had phoned | B are phoning | C phone | D phoned |
| 5) A was trying | B tried | C had tried | D have tried |
| 6) A was taking | B taked | C took | D takes |
| 7) A stay | B was staying | C stayed | D am staying |
| 8) A already introduced | B have already introduced | C had already introduced | D are already introduced |
| 9) A was waking | B wakes | C woke | D is waking |
| 10) A allows | B allowed | C is allowing | D was allowing |
| 11) A was taking | B took | C am taking | D take |
| 12) A will announce | B are announcing | C announce | D announced |

Part B**Use of English****VIII Word formation: Write the correct form of the word in brackets to fill the gaps.**

1. Even very good clothes are quite _____ in this shop.
(AFFORD)
2. My mother had no idea that this vase was so _____ .
(VALUE)
3. I read a text with a detailed _____ of all the new mountain bikes. This one is the best.
(COMPARE)
4. She isn't wearing the most _____ shoes.
(FASHION)
5. This is a good essay. I find your statements very _____ .
(CONVINCE)
6. It was an _____ day trip we had with our classmates.
(FORGET)

_____ / 3 P.

Total Part B: _____ / 27 P.

Write a Text

You are going to write a text of 130-150 words about the picture below. Your text must include the following:

- Describe in detail what you see, including where you think this is.
- What happened here, how did it happen?
- Who or what do you think was responsible?
- Now what? What do you think will happen next?
- What are your thoughts and/or feelings about this image? Explain.



