



GCE AS/A LEVEL

2700U10-1



Z22-2700U10-1

MONDAY, 16 MAY 2022 – MORNING

ENGLISH LANGUAGE – AS unit 1
Exploring Language

1 hour 45 minutes

2700U101
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ADDITIONAL MATERIALS

A WJEC pink 16-page answer booklet.

INSTRUCTIONS TO CANDIDATES

Answer both questions: one question in Section A and one question in Section B.
Write your answers in the separate answer booklet provided.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets at the end of each question. You should divide your time accordingly.

You are reminded that assessment will take into account the quality of written communication used in your answers.

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Section A
Analysing Language

1. The three texts on pages 4 to 6 present attitudes to artificial intelligence (AI). Read Texts A, B and C and then answer the question below.

Text A is an extract from an online magazine article published on the website Wired.com, which specialises in technology issues. Emily Dreyfuss, who writes this article, is employed by Wired.com.

Text B is an extract from a news article published on the website of an international news organisation.

Text C is an extract from an online article published by a UK tabloid newspaper.

Analyse and evaluate how the language used in each of these texts represents artificial intelligence.

In your answer, you should consider:

- the purpose of each text and the ways in which the writers engage their audiences
- how the writers portray robots
- the similarities and/or differences between the texts.

[55]

Text A: an extract from an online technology magazine**My life as a robot**

I have been part robot since May. Instead of legs, I move on stabilized wheels. Instead of a face, I have an iPad screen. Instead of eyes, a camera with no peripheral vision. Instead of a mouth, a speaker whose volume I can't even gauge with my own ears. And instead of ears, a tinny microphone that crackles and hisses with every high note.

5 I'm a remote worker; while most of WIRED is in San Francisco, I live in Boston. We IM. We talk on the phone. We tweet at each other, but I am often left out of crucial face-to-face meetings, spontaneous brainstorm sessions, gossip in the kitchen.

10 So my boss found a solution: a telepresence robot from Double Robotics, which would be my physical embodiment at headquarters, extending myself through technology. Specifically, an iPad on a stick on a Segway¹ base.

15 The first time I opened the double interface in Chrome and clicked on an icon of my robot 3,000 miles away I was greeted by the pixelated image of my boss's torso and a few headless co-workers. There probably were some instructions somewhere that I should have read, but I didn't. "How do I move it?" I asked them. "We don't know," they said. I clicked around. Nothing. I tried the arrow keys and, boom, jolted out of the robot's charging dock and toward onlookers. I was like a foal, learning to walk. It took about 10 minutes to discover that a) driving a robot using a browser interface is clunky and b) the hip flooring choices of WIRED's office were going to be my nemesis², with every transition from concrete to rubber to carpet providing another opportunity to fall on my screen.

20 I roll over behind Sam's desk for a brief chat about a deadline. She hasn't heard me approach. I don't know what to do. If I just say her name she'll freak out. I HipChat³ her, "Look behind you." As soon as I do it, I realize that's creepy—but it's too late. She turns and there I am.

"Hi," I say as casually as possible, "I just—"

25 Sam cuts me off. "Em," she says, "can you control the volume? You're very loud."

"I am?" I ask.

"YES," the entire bullpen yells. I find and adjust the volume. I guess I was screaming all day.

I could never go back. I felt so superior as my robot. I loved my robot.

¹ Segway: a self-balancing electric scooter

² nemesis: downfall

³ HipChat: an instant messaging service for companies and teams

Text B: an extract from an international news website**The dangers of trusting robots**

In February, a woman from South Korea was sleeping on the floor when her robot vacuum ate her hair, forcing her to call for emergency help. It may not be the dystopian future that some scientists have warned us about – where intelligent devices ‘spell the end of the human race’ – but it does highlight one of the unexpected dangers of inviting robots into our home.

5 There are many other examples of intelligent technology gone bad, but more often than not they involve deception rather than physical danger. Malevolent bots, designed by criminals, are now ubiquitous on social media sites and elsewhere online. The mobile dating app
10 Tinder, for example, has been frequently infiltrated by bots posing as real people that attempt to manipulate users into using their webcams or disclosing credit card information. So it’s not a stretch to imagine that untrustworthy bots may soon come to the physical world.

15 Once you’ve invited a bot into your home, you need to manage your expectations. Movies and marketing may have primed us to expect sophisticated interaction with our robotic chums but we’ve still got a long way to go before they are as socially aware as they are often depicted. Given the gulf between expectation and reality, it’s important to avoid being tricked by a fake-out known as a ‘Wizard-of-Oz setup’, where users are led to believe that robots are acting autonomously when, in fact, human operators are remotely controlling some of their operations.

20 The take-home message is clear: as robots become increasingly connected to the internet, and able to respond to natural language, you need to be especially vigilant about figuring out who or what you’re talking to.

Text C: an extract from a UK tabloid website**'Robot intelligence is dangerous': Expert's warning after Facebook AI 'develop their own language'**

Two robots — created by Facebook — have been shut down after developing their own language. It happened while the social media firm was experimenting with teaching the 'chatbots' how to negotiate with one another.

5 During tests, they discovered the bots — known as Alice and Bob — managed to develop their own machine language spontaneously.

Boffins had given the machines lessons in human speech using algorithms then left them alone to develop conversational skills.

10 But when the scientists returned, they found that the AI software had begun to deviate from normal speech and was using a brand new language created without any input from their human supervisors. UK Robotics Professor Kevin Warwick said: "This is an incredibly important milestone, but anyone who thinks this is not dangerous has got their head in the sand."

15 Although what the machines said was nonsense, boffins noticed some rules to the speech, especially in the way the chatbots kept stressing their own names. The scientists believe that this was not simply a glitch — the robots were using each other's names consciously to interact.

Section B

Contemporary English

2. The following set of data is a selection of TripAdvisor reviews, where contributors present their opinions on visiting Stonehenge, an ancient monument in England.

Read the data then answer the question below. You should use appropriate terminology and provide relevant supporting examples.

Use your knowledge of contemporary English to analyse and evaluate the ways in which contextual factors affect how the writers use language in these TripAdvisor reviews. [25]

TEXT 1 (a mother from the UK)

Maggie L, **Shropshire**

●●●○○ Reviewed 5 weeks ago

Must see to say you've seen it

So, okay. Stonehenge. I drove 3 hours to witness this English history and I won't say I was disappointed, because I wasn't. On a nice day would've loved to walk up to it but tbh this was a cold April day in beautiful England. Wasn't happening. So the shuttle it was lol. My 9yr old son had a blast!! Can't complain. Just not a ton to see if you're expectations are high.

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TEXT 2 (a teacher from Germany)

Agnes Lichsteiner, **Gelsenkirchen**

●●●○○ Reviewed 2 weeks ago

Not for students...

We visited Stonhenge with pupils. Retrospectively, I cannot recommend visiting with students because they aren't really interested in it – yet.

3 

TEXT 3 (a visitor from Australia)

MooDunphy, **Australia**

●○○○○ Reviewed 1 week ago

Money Grabbing waste of time

Much better to go and see Avebury Stone Circles, where you can actually get up close and touch them without paying \$\$\$\$. if you want a view of Stonehenge to say "I've seen it" just drive along the A303 and have your camera ready. Alternatively you can park at the visitor center and walk about 2 miles and save some \$\$\$.

5 

TEXT 4 (American visitors)

Rita and Allan Hillock, **USA**

●●●●● Reviewed 3 weeks ago

Freakin lit!!!!

it's awesome. You can see it from the freeway. At first you may think they are just a bunch of rocks, but when you listen to the audio and learn all the facts, you'll be blown away.

16 

TEXT 5 (a visitor from London)

M_Pearce1975, **London**

●●●●● Reviewed 1 week ago

Wonderful

Wow amazing experience!!! Staff are friendly and helpful! Had a amazing time the husband loved it — trying to work out how the stones got there! Fairy dust!!

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END OF PAPER