



Universidad Nacional de Cuyo
Facultad de Ciencias de Ingeniería
Facultad de Filosofía y Letras



MOCK EXAM

LISTENING

A) LISTEN TO AN INTERVIEW ABOUT THE EFFECT OF FAMILY ON PERSONALITY. COMPLETE THE SENTENCES. (Gold First Test Audio Track 6)

- 1 Researchers believe that a person's _____ in a family can affect their life.
- 2 Research supports the idea that _____ children are more likely to do well in life.
- 3 Oldest children often help younger siblings learn to _____.
- 4 However, the oldest child will often _____ more than necessary.
- 5 Oldest children can also feel that they are not their parents' _____ child.
- 6 It seems that the youngest child will often _____ things more and be more artistic.
- 7 Some people think that birth order is important even when choosing a _____.
- 8 _____ relationships can have just as much impact as family ones.

VOCABULARY

B) CHOOSE THE OPTION THAT FITS.

1. This report examines the efficiency of the factory by analysing all the channels of the
 - A) inventory
 - B) streamline
 - C) transportation logistics
 - D) supply chain
2. Planning factory layouts is the typical job of
 - A) an architect
 - B) a civil engineer
 - C) an industrial engineer
 - D) a petroleum engineer
3. You need more if you want to design a sturdy building.
 - A) concrete
 - B) glass
 - C) window panes
 - D) solar pannels

4. The company is looking for ideas that can be put into action successfully without being necessarily creative.
- A) half-baked
 B) smooth
 C) innovative
 D) plausible
5. Architecture and Engineering students need to be
- A) computer saavy
 B) outside the box
 C) geotechnical
 D) land surveyors
6. Our son's He's often called in to assess existing structures.
- A) a building surveyor
 B) a contractor
 C) an acoustic engineer
 D) a landscape architect
7. The sample weighs 0.8 of a gram, which is to say,
- A) eight tenths
 B) eight to the tenth power
 C) eight cubed
 D) eight squared
8. Bridges are part of a city's.....
- A) scale
 B) infrastructure
 C) road construction
 D) supply system
9. Charlene expects this to lead to a solution soon.
- A) attack
 B) synthesis
 C) iteration
 D) comprehension
10. I'm sorry but this terrain isn't suitable because of its
- A) hilly vegetation
 B) landscape
 C) steep grade slopes
 D) unstable vegetation

C) Choose the answer (A, B, C or D) that best completes each sentence.

- 1 Last year the economy was stable but the _____ situation is quite different.
 A usual B actual C current D unique
- 2 Do you want to do anything in _____ today?
 A typical B particular C common D actual
- 3 I don't have anything in _____ with her. She's quite different from me.
 A common B same C usual D ordinary
- 4 They couldn't _____ an agreement on when the meeting should take place.
 A take B follow C reach D catch
- 5 You need to protect yourself _____ cybercrimes.

- A for B with C by D against
- 6 He's wearing an electronic _____ so the police know where he is at all times.
A label B ticket C tag D bill
- 7 They took a _____ tour around the island and learnt a lot about its history.
A domestic B round C one-way D guided
- 8 I'm not very good at making small _____ at parties. It always seems so pointless.
A talk B chat C conversation D discussion
- 9 She wanted to do a bungee jump, but she _____ her nerve at the last moment.
A missed B lacked C gave up D lost

GRAMMAR

- D) Read the text. Use the word given in capitals at the end of some of the lines to form a word that fits in the gap in the same line.

Philip Morales, a former teacher, now makes a good 1 _____ as a career coach and 2 _____. He changed his career when he discovered that he was spending ages helping many of his students who lacked 3 _____ and the 4 _____ needed to do well. He worked on helping them to develop their natural 5 _____ and then showing them how to overcome their 6 _____. One of his main aims was to show them how to approach their course 7 _____. Many young people find these hard and they struggle with feelings of 8 _____ and are unable to complete the work. Another problem for teenagers is the need for 9 _____ from their peers and the fear of being 10 _____ or laughed at. He also discovered that often any goals they may have are rather 11 _____ and cannot be achieved. As he watched these young people 12 _____ develop into adults, he gradually began to recognise the 13 _____ of this kind of work. He decided to do some part-time courses and once he got his 14 _____ he gave up teaching completely. He loves working for himself as he has the 15 _____ to help a lot more people than he did when he was just teaching.	LIFE THERAPY CONFIDENT AMBITIOUS ABLE WEAK ASSIGN ANXIOUS APPROVE BULLY REAL SUCCEED SIGNIFY QUALIFY FREE
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- E) Complete the second sentence so that it has a similar meaning to the first sentence, using the word given. Do not change the word given. You must use between two and five words, including the word given.
- 1 I don't understand this sentence.
MEANS
I don't know _____.
- 2 The campsite doesn't provide tents.
EXPECTED
You _____ own tents.
- 3 The weather was terrible, but we still went sailing.
DESPITE
We went sailing _____.
- 4 You needn't wait for me.
HAVE

You _____ for me.

5 We will send the books by courier.

BE

The books _____ you by courier.

6 You mustn't do that. It's against the rules.

ARE

You _____ that. It's against the rules.

7 The film was so boring I fell asleep.

A

It _____ I fell asleep.

READING

READ THE TEXT BELOW AND THEN WRITE TRUE OR FALSE NEXT TO EACH STATEMENT. CORRECT THE FALSE ONES.

NEW SKIN FOR BUILDINGS¹

Researchers are developing a covering for buildings that could collect water and help generate energy.

Advantages in hot climates

Architecture looks to the future, looking for better materials and construction methods, or creating buildings that give us better ways of living. Professor Neil Spiller, an architect and head of the University of Greenwich's School of Architecture & Construction, has a long history in futuristic architecture, and is currently working with researchers to develop a new covering for buildings. The research, conducted by teams from Greenwich, the University of Southern Denmark, University of Glasgow and University College London, could be extremely beneficial in hot climates, collecting water and using sunlight to collect biofuels.

Architecture and synthetic biology

'I've been interested in the impact of new technologies on architecture since the early 1990s,' explains Professor Spiller. 'That was the start of cyberspace and virtual reality generally, and people started to talk about biotechnology.' Professor Spiller co-edited an influential edition of the AD journal on architecture and cyberspace, then became interested in nanotechnology. In 2004 he formed a research group while at University College London, called AVATAR (Advanced Virtual and Technological Architectural Research). Dr Rachel Armstrong who is working on the current protocell project became the co-director of one part of it exploring architectural and synthetic biology.

Sustainability

¹ Text extracted from: <https://learnenglishteens.britishcouncil.org/uk-now/science-uk/new-skin-buildings> Last access: August, 5th 2019.

'We are at the stage where we are working on ideas on developing a special covering,' says Professor Spiller. 'We are trying to get some covering that uses new technology that will allow a building façade to respond in real time to changes in its micro-climate around it.' Up until now the experiments have been done in the lab and they need to make it bigger to the building façade scale, however big that is. 'There is a variety of things that we may use, such as bioluminescent bacteria. We'll use the actual protocells in one experiment. With protocells there is no DNA, no genetics, they are really just bubbles in water, so there is no ethical problem there.' The material has potentially significant economic and ecological benefits. 'We have a technology that is not limited by the normal economics of the building industry that we have in the First World,' says Spiller. 'The big expansion in the construction industry in the next growth period is going to be about sustainability and ecological planning.'

1. Professor Neil Spiller is working alone to develop a new covering for buildings. _____
2. The research could be very useful for buildings and especially for buildings in hot climates. _____
3. Professor Spiller has only become interested in the impact of new technologies on architecture recently. _____
4. Cyberspace and virtual reality started in the early 1990s. _____
5. The research team are trying to develop a covering for buildings that will allow a building façade to make changes to the micro-climate around the building. _____
6. The team have already done experiments on the façades of real buildings. _____
7. Using protocells has several advantages. _____
8. Sustainability and ecological planning will cause the construction industry to grow. _____