The fourth industrial revolution

Reading Test

EXAMPLE

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Student

Time: Approximately 1 hour

Two types of lesson

Lesson #1: [Easy] ***** [B2/C1]
1. Predict the content of the text & write down the key terms & ideas.
2. Read the text. Check words & meanings with a dictionary.
3. Answer the questions.
4. Check your answers (pass mark is 70%).

Lesson #2: [Hard] ***** [C1]
1. Read text – no dictionary.
2. Answer the questions.
3. Check your answers (pass mark is 70%).

Teacher

Two types of lesson

Lesson #1: [Easy] ***** [B2/C1]
1. Distribute text 1 (without reference words underlined) a week before the test. Students read, check vocabulary & meanings.
2. Test day. Distribute text 2 (with reference words underlined) & the questions (no dictionary or notes).
3. Set 1 hour to read the text & answer the questions.
4. Take in & correct or go through answers in class (pass mark is 70%).
5. Extra activity. Students write the *summary (add 30 minutes to the test).

Lesson #2: [hard] ***** [C1]
1. Test day. Distribute text 2 (with reference words underlined) & the questions.
2. Set 1 hour to read the text & answer the questions.
3. Take in & correct or go through answers in class (pass mark is 70%).
4. Extra activity. Students write the *summary (add 30 minutes to the test).

*Summary writing: https://www.academic-englishuk.com/summary
The 4th Industrial Revolution TEXT 1
By J Greenwood (2020)

Many experts believe that the world is currently undergoing a major change: the fourth industrial revolution (Industry 4.0). Schwab (2016), is the blurring the distinctions between the physical, digital and biological domains. An article from NICVA (2019: 4) technologies to perform tasks previously carried out by humans, ranging from piloting vehicles to law. This wide-ranging description emphasises the impact of technology on people and the planet, and its increasing. If the fourth industrial revolution is having such a profound impact on life as we know it, it is important to consider revolutions.

Shank (2016) characterised the first as mechanisation: machines replacing animals and manual labour. Shank then identified the second as the mass production revolution, where mass-manufacturing using machines and new processes. Shank finally recognised the third industrial revolution as occurring in the second half of the 20th century into the first half of the 21st century, where globalisation by digital technology and the World Wide Web became ubiquitous. These definitions allow us to understand is what impact the next industrial revolution will have on industry, the workforce and life.

It seems clear that industry 4.0 will bring opportunities. Xu et al. (2018) claim that a major shift that will continue in the fourth: the dramatic shift in economies towards the knowledge worker. Xu et al. (2018) two and services were provided by the body; for example, food production, agriculture and the automotive industry. This meant a strong and healthy body was often a. However, the increased capabilities of machines means that knowledge is now the most important asset a person can possess. This for people with disabilities and less physically capable people as well as reducing the gender asset for a large proportion of jobs. Opportunities may also lie in education. An article in the (2018) claims that as education relies on forming complex relationships with a number of students, technology to become more effective in their role.

There will also be challenges brought on by industry 4.0. Lee et al. (2019) claim that whilst the increased effectiveness technology brings might mean less employees are needed to complete in educators losing their jobs, it may result in less opportunities for graduates entering the job market. 4.0 is in regarding knowledge being the most important aspect for a worker to possess. Anderson (2012) highlights that the reduction of due to new platforms, speedy worldwide delivery and even the
ability to create inventions quickly using entrepreneurs; however, he also points out that in order to be a knowledge worker, a person must have access labour, and a shift towards the need for knowledge, could lead to workers with limited access.

Industry 4.0 will impact different sectors in diverse ways. NICVA (2019) claims that sectors that involve and other personal services will see an increase in demand for workers. Conversely, the that require repetitive physical action may need less workers, as technology becomes more of the is still in progress. Schwab (2016) argues that the responsibility of shaping the future lies with governments and policy makers. Schwab warns of a robotised humanity and a future. Schwab claims that people must be prioritised over profits, so that creativity, empathy and all the desirable aspects of the It is entirely possible that industry 4.0 could have a positive impact on societies around the world, proportion efficiency from technology. It is up to governments, large corporations and even individuals.

References


Comprehension Questions

1. Headings
Choose a subheading for each paragraph. One title is not needed.

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>Changes to employment structures.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>B</td>
<td>XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX</td>
</tr>
<tr>
<td>2</td>
<td>C</td>
<td>An amalgamation of different elements.</td>
</tr>
<tr>
<td>3</td>
<td>D</td>
<td>XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX</td>
</tr>
<tr>
<td>4</td>
<td>E</td>
<td>A pessimistic outlook.</td>
</tr>
<tr>
<td>5</td>
<td>F</td>
<td>XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX</td>
</tr>
</tbody>
</table>

2. True/False/Not Given
One question per paragraph.

<table>
<thead>
<tr>
<th></th>
<th>T/F/NG</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1</td>
<td>Pilots do not XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX these days due to technology.</td>
</tr>
<tr>
<td>P2</td>
<td>The second industrial XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXxxxxx</td>
</tr>
<tr>
<td>P3</td>
<td>Xu argues that physical XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXx for workers.</td>
</tr>
<tr>
<td>P4</td>
<td>The author XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXx universally accessible.</td>
</tr>
<tr>
<td>P5</td>
<td>The author claims that developed countries will mostly benefit from industry 4.0.</td>
</tr>
</tbody>
</table>

3. Reference words
Explain what these connect to (underlined in the text).

<table>
<thead>
<tr>
<th>Paragraph</th>
<th>Word</th>
<th>Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>its</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>XXX</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>this</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>XXX</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>these</td>
<td></td>
</tr>
</tbody>
</table>

4. Open answer questions
Paragraph 2
4.1. What were XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX the first three industrial revolutions?

First

Second

Third

---/3
Paragraph 3

4.2. According to Xu et al. (2018), what revolution have on the employment sector?

   i) __________ / 1

4.3. What does the (2018) predict will happen to educators?

   i) __________
   
   ii) __________ / 2

Paragraph 4

4.4. What two claims are made (2019)?

   i) __________
   
   ii) __________ / 2

4.5. According to Anderson (2012), who revolution?

   i) __________ / 1

Paragraph 5


   i) __________
   
   ii) __________ / 2

5. Author’s stance

5.1. Does the author think the fourth industrial revolution will have a positive or negative impact? Give a reason for your answer.

<table>
<thead>
<tr>
<th>Circle one answer</th>
<th>Reason - why or why not?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive</td>
<td></td>
</tr>
<tr>
<td>Negative</td>
<td></td>
</tr>
</tbody>
</table>

____ / 2
6. Vocabulary development

Look at the definition of the words in the table. Find the matching word in the text.

<table>
<thead>
<tr>
<th>Paragraph</th>
<th>Definition</th>
<th>Word</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>An important change in the way that people do things.</td>
<td>Example: revolution</td>
</tr>
<tr>
<td>1</td>
<td>A more things.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>To describe the nature or features of someone or something.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>The .</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>A thing that is necessary for the achievement of a specified end.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>A useful or person.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>The amount.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>A person who sets up a business or businesses.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>A set of organization or individual.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>The ability to understand and share the feelings of another.</td>
<td></td>
</tr>
</tbody>
</table>

7. Paraphrasing

7.1 Paraphrase the two sentences from the text.

1. NICVA (2019) claims that sectors that involve building complex relationships with people, such as healthcare, will see an increase in demand for workers.

_______________________________________________________________________________________

_______________________________________________________________________________________

_/4

2. Schwab (2016) argues that the governments and policy makers.

_______________________________________________________________________________________

_______________________________________________________________________________________

_/4

Total: _____ / 46
## Comprehension Questions ANSWERS

1: **Headings**
Choose a subheading for each paragraph – one title is not needed.

<p>| | | |</p>
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<tr>
<td>2</td>
<td>B</td>
<td>A journey through time.</td>
</tr>
</tbody>
</table>

ALL ANSWERS ARE INCLUDED IN PAID VERSION...