

***My Target: \_\_\_\_ /36 or \_\_\_\_\_\_ % Complete on the day of the test***

***🖒 🖓 (Circle when your test is handed back)***

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Assessment 8-Part B –** In Class Validation **(2.5%)**

|  |  |
| --- | --- |
| ***Total Mark*** | ***%*** |
| ***/36*** |  |

*Technology in the workplace*

**READING TIME – 5 Minutes**

**WORKING TIME – 40 Minutes**

1. List four jobs that you researched the likelihood of automation in Part A of assessment 8.

(4 marks)

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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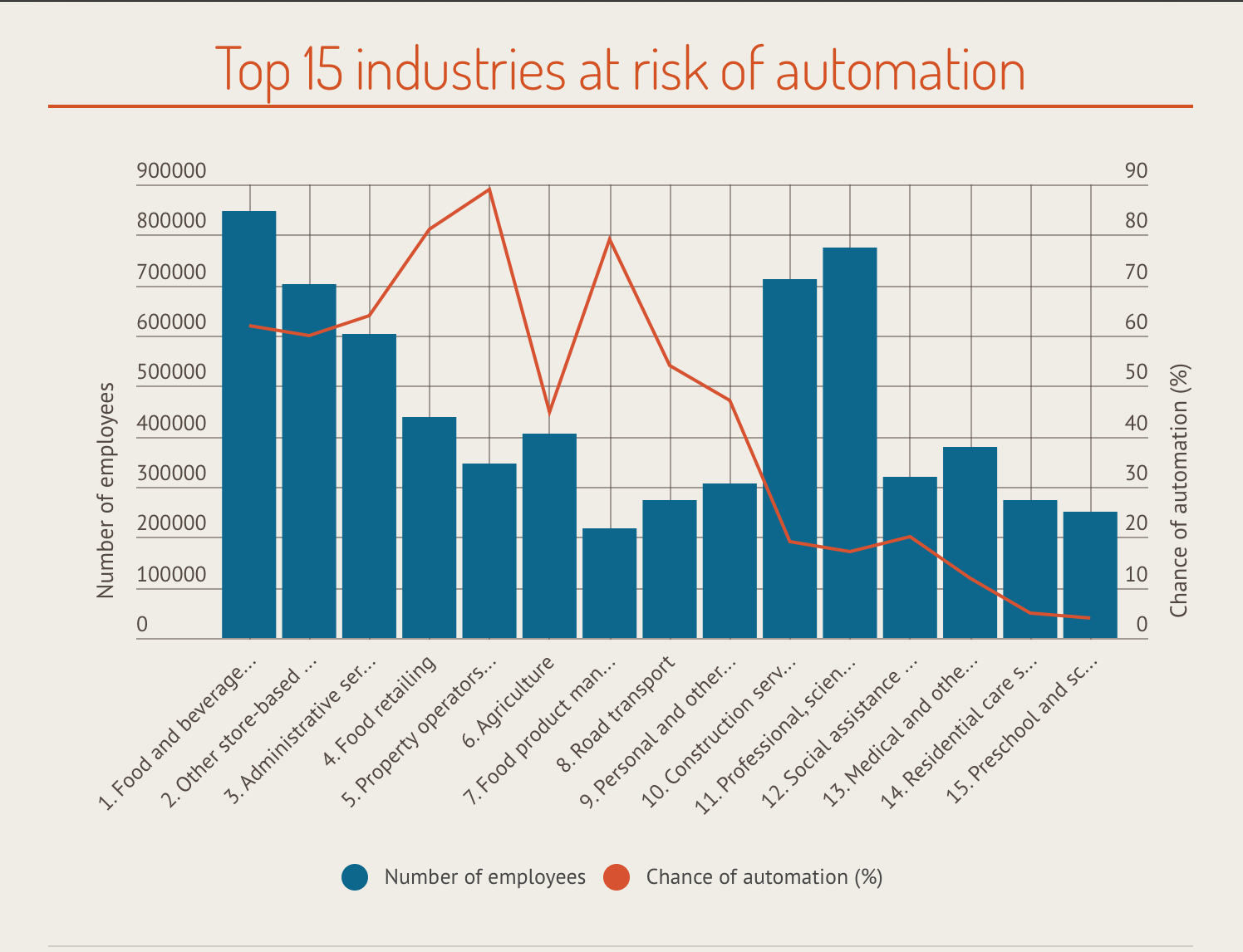
1. Choose one of the jobs from the list above and discuss how likely it would be for that job to be automated in the next 20 years.

(4 marks)

**Job**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Refer to Source 1 to answer the questions below;



*Source 1: 2018 Australian Job Automation Report by Finder.com.au*

1. State which industry has the highest percentage chance of automation. (1 mark)

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1. State which industry has the highest number of employees. (1 mark)

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1. State what percentage chance the agriculture industry has of automation. (1 mark)

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1. Using evidence to support your response, outline which industry automation will have the greatest impact on.

(3 marks)

1. Refer to Source 2 to answer the questions below;

|  |  |
| --- | --- |
| **State** | **Percentage total of jobs at risk of Automation** |
| South Australia | 41% |
| Northern Territory | 34% |
| Western Australia | 35% |
| Queensland | 35% |
| Victoria | 35% |
| Tasmania | 33% |
| New South Wales | 31% |
| A.C.T | 29% |

*Source 2: A research produced by labour market experts Adzuna in March 2018. The source shows what percentage of total jobs are at risk of automation in each state in Australia.*

1. State which state has the highest percentage total of jobs at risk of automation.

(1 mark)

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1. List which states have percentage total lower than 35%.

(1 mark)

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1. Explain why you believe that South Australia has such a high percentage total of jobs at risk of automation. Use examples from your research to support your argument.

(4 marks)

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1. Display the information from Source 2 in a bar graph using the graph provided. You must remember; (10 marks)

* An appropriate title of the graph
* Appropriate titles for the Y and X axis
* Appropriate scale
* Ensure the data is recorded accurately using a ruler



1. Hypothesise what changes may occur in the Australian workforce in the next 20 years. Use examples from your research to support your hypothesis.

(6 marks)

END OF ASSESSMENT