Name: Class: Mark:

1. Below are six tasks. Some require more intelligence to solve than others.

Tick the three tasks that computers are most likely to struggle at. [3]

|  |  |
| --- | --- |
| **Task** | **Will a computer struggle at this task?** |
| Playing football |  |
| Working out the nutritional values in a recipe |  |
| Solving Maths equations |  |
| Looking at a problem and working out which Maths equation is needed to solve it |  |
| Comforting someone who is upset |  |
| Mixing two songs together |  |

2. The Turing test is one test of computer intelligence.

Describe how the Turing test works. [4]

3. A chatbot is being created for a theme park. When customers visit the theme park’s website the chatbot will be able to answer questions.

(a) Give **two** questions that the chatbot is likely to find easy to answer. [2]

(b) Give **one** question that the chatbot is likely to find hard to answer. [1]

[Total 10 marks]