

Marking Guidelines

(a) Explain the following terms in your own words, in the context of agent-based computing. (10 Marks)

- i Reflex agent: **Provide explanation with diagrams and examples (2.5Marks)**
- ii Reflex agent with state: **Provide explanation with diagrams and examples (2.5Marks)**
- iii Goal-based agent: **Provide explanation with diagrams and examples (2.5Marks)**
- iv Utility-based agent: **Provide explanation with diagrams and examples (2.5Marks)**

(b) Refer to the following link below:

<https://www.winssolutions.org/jobs-ai-will-replace-challenge-opportunities/>

The research behind this report specifically focused on the types of tasks involved in a variety of occupations, and which of these tasks are at risk of being automated. For the given lists of jobs. Pick any two (2) sectors of your choice, for example Healthcare and Finance or any of the others.

Specify clearly which tasks are being automated or likely to be automated for each of these two sectors and the related job. (10 Marks)

Explanation of the tasks in clear terms with examples. Include references and citations.

(5 Marks for each sector)

Describe these tasks clearly and then describe the PEAS for the each of the tasks.

(15 Marks)

Clear description of PEAS: (3.5 Marks for each)

1 Mark for formatting and presentation, citations for the two question here

Also specify the task environment and their characteristics in details. (15 Marks)

Clear description of the 6 task environments with explanation: (2.5 Marks for each)