6CS003 Graphics and Artificial Intelligence 2017\_2018

Star Wumpus Task:

Task 4 sign-off slip.

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| **Student Name:** |  | | **Student No:** |  | |
| **Exercise** | **Suggested Deadline** | **Comments** | | **Tutor**  **Signature** | **Marks** |
| **Task 4:**  ***NPC agent sign off***  ***Report submission*** | **Workshop Week 9**  **Week 12** |  | |  |  |

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| **Artefact Criteria** | **Grade** | **Marks** |
| Navigates intelligently - avoids pits and Stormtroopers (when unarmed) |  | Up to 4 marks |
| Able to use found objects. |  | Up to 4 marks |
| Explores under intelligent reasoning, *i.e., doesn’t use a fixed sequence of moves but can systematically explores caves with a different layout.* |  | Up to 6 marks |
| Coding innovation – *such as implemented a decorator, etc* |  | Up to 4 marks |
| Exits safely. |  | Up to 2 marks |
| Student can explain their Implementation & how it integrates into the existing code |  | Up to 2 marks |
| Code clarity, efficiency, layout, comments, etc. , |  | Up to 2 marks |
| Pass JSLint check |  | Up to 1 mark |
|  |  |  |
| **Report Criteria – (1000 words)** |  |  |
| Reasoning strategy used clearly described with suitable test data and results documented. |  | Up to 10 marks |
| Discussion of other AI technique to enhance the agent |  | Up to 10 marks |
| Presentation and clarity of writing of the report. |  | Up to 5 marks |
|  |  |  |
| **TOTAL** |  | 50 |