Awareness Level
Final Exam
Questions
Question 1

For awareness level assessment purposes, please tick the checkbox to confirm which feature videos you have watched.

Marks available: 20

- Week 1 Nominated Videos (1.1, 1.4, 1.5, 1.7, 1.8)
- Week 2 Nominated Videos (2.0, 2.1, 2.2, 2.6a, 2.6b, 2.7a)
- Week 3 Nominated Videos (3.0, 3.1, 3.7, 3.13)
- Week 4 Nominated Videos (4.0, 4.10)
- Week 5 Nominated Videos (5.0, 5.2, 5.3, 5.4a, 5.4b and 5.6)
- Feature: AI Planning for Robots
- Feature: Story of A* and STRIPS by Nils Nilsson
- Feature: SIPE-2 HTN Planner by David Wilkins
- Feature: Joerg Hoffman on Heuristic Space Search by Joerg Hoffman
- Feature: AI Planning for Space by Brad Clement
Question 2

Check those statements which are true, and leave unchecked those that are not true.

Marks available: 5

☐ O-Plan is a Hierarchical Task Network planner
☐ UCPOP is a Hierarchical Task Network planner
☐ SIPE-2 is a Hierarchical Task Network planner
☐ O-Plan is a Partial-Order Planner
☐ SHOP2 is a Partial-Order Planner
Question 3

Check those statements which are true, and leave unchecked those that are not true.

*Marks available: 5*

- [ ] STRIPS searches a space of partial plans (plan space)
- [ ] FF searches a space of partial plans (plan space)
- [ ] SHOP2 searches a space of partial plans (plan space)
- [ ] Nonlin searches a space of world states (state space)
- [ ] SiPE-2 searches a space of partial plans (plan space)
Question 4

Choose those areas of work which you think were the early origins of AI planner developments.

*Marks available: 5*

- Robot Thinking Studies
- Constraint Reasoning
- Human Thinking Studies
- Operations Research
- Theorem Proving
Question 5

Choose those application areas you think would be suitable to use domain independent AI planning techniques.

Marks available: 5

☐ Composition of web services
☐ Robot motion path planning
☐ Playing the game of Bridge
☐ Spacecraft mission planning
☐ Project planning