

OBS.: If your research proposal or document (such as final projects or papers) are in Portuguese, please, answer these questions in Portuguese. Otherwise, answer them in English. Your answer has to be based on the literature and properly cited.

1. Define agents and Multi-Agent Systems.
2. Define the main characteristics of agents.
3. Define an agent's environment.
4. Define the sphere of influence of an agent.
5. Define and compare closed and open environments.
6. Define and compare closed and open Multi-Agent Systems.
7. Define mobile agents.
8. Define artifacts.
9. Define organizations.
10. Define cognitive models.
11. Describe the Belief-Desire-Intention (BDI) model.
12. Describe the SOAR model.
13. Explain the Practical Reasoning System.
14. Enumerate and define the existing Agent-Oriented Programming Languages (AOPL).
15. What is(are) the difference(s) between a reactive and a cognitive AOPL?