1. **Determine the characteristics of environment most suitable for the agent to work in.**

**Give a justification to your answer for choosing those characteristics.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Task Environment** | **Observable** | **Deterministic/stochastic** | **Episodic/seq** | **Static/dynamic** | **Discrete/con** | **Single/multiple** |
| **Crossword Puzzle** |  |  |  |  |  |  |
| **Medical Diagnosis** |  |  |  |  |  |  |
| **Image Analysis** |  |  |  |  |  |  |

1. **Determine the PEAS for the rational agent to play chess. Justify why you made such preferences.**
2. **Describe how the Problem formulation be completed on “Robotic Assembly” task.**