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| ARTIFICIAL INTELLIGENCE USING PEAS FOR ITS TASK ENVIRONMENT. [PEAS IS AN APPROACH TO SPECIFY RATIONAL AGENT TASK ENVIRONMENT.] |



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COURSE NAME:ARTIFICIAL INTELLIGENCE

PEAS DIAGRAM FOR :

1. Exam invigilator
2. Shopping robot

NB:PEAS=Performance Measure+Environment+Actuator+Sensor

SOLUTION:

1.

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| Agent | PerofamnceMeasure | Environment | Actuator | Sensor |
| Exam invigilator | Ensure no malpractice in exam hall. | Exam hall,  Exam centers,  Lecture room for test | Humans | Camera,  Voices recorder,  movement |

2.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Agent | PerofamnceMeasure | Environment | Actuator | Sensor |
| Shopping robot | Maximize profit,  Safe shopping,prevent theft | Shopping mall,trade centers | Humans | Camera,  Voices recorder,  Movement,  video recorders |