K.G.C.E. Karjat - Raigad Tutorial No:-1.

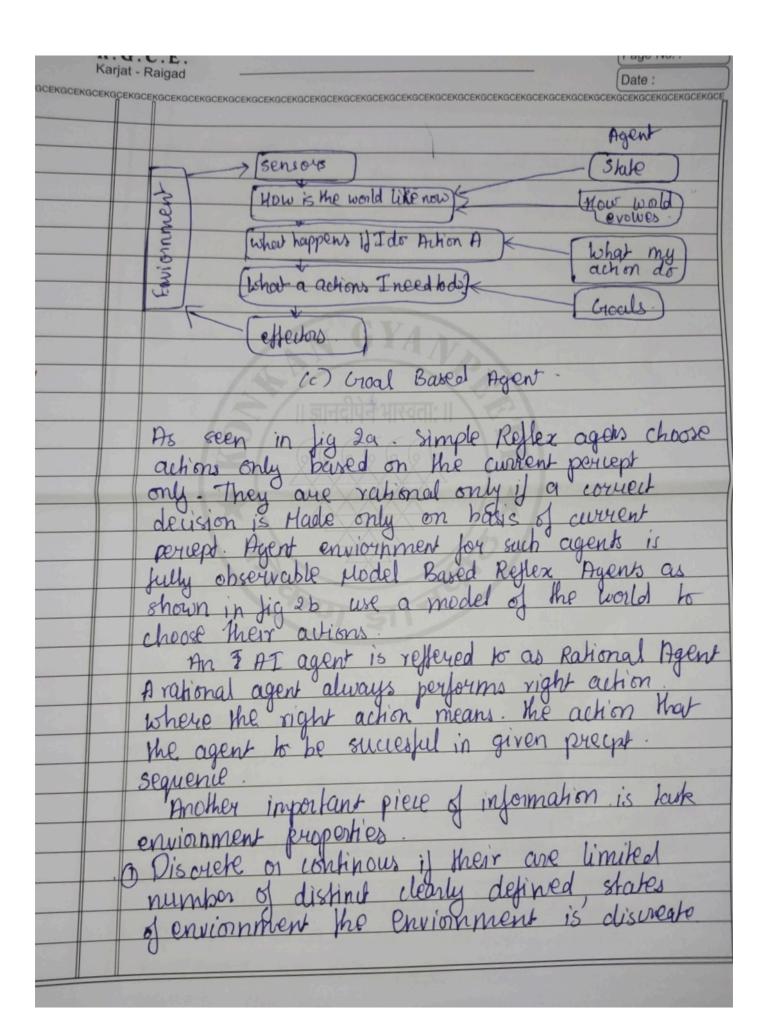
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Page No. : K.G.C.E. Date: Karjat - Raigad Design of Intelligent Agent Aim: To understand the concept of Agent
Abstraction by studing defination of Rational
Agent, Agent enviornment. Task Enviornment Description enviounment types Theory - An Artificial Intelligent (AI) system
is composed of an agent and its enviorement.
The Agents act in their enviorement. An agent anything that can perceive its enviorement through sensor & acts upon that enviornment through effections senvy Perceps Enviorenment essedores. Actions fig 1 - AI agent with Enviornment. Human agent has senso Human agent has sensory organs such as eyes, ears, nose, bunge and skin parallel to the sensor, to other organs such as hands, legs,

Page No.: K.G.C.E. Karjat - Raigad Date: agent replaces cameras & infrareo bit strings as its hers encoded programs and actions be viewed architecture to Agent programs & Sensous Agent would likener what eletions need to do? condition Action Rule FREEdors (a) simple reflex byent Agent How is the world like now state How world what phappens if ido Action A Enviour men what my action do what actions I need to do! Effectors Golals (b) Model Bared Reflex



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Robotics.

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