



LMS QUIZ
VI-SEMESTER (CSE Core)
ARTIFICIAL INTELLIGENCE (CSE_4053)

Max Marks :10
Duration: 30-minutes

Student name	Reg no.	Section	Semester

Q NO.	Question	Marks
Q1	Which among these can be considered as components of soft computing? A. Neural networks B. Evolutionary algorithms C. Social computing D. Fuzzy systems	1M
Q2	Which among these sentences is true about agents? A. An agent can communicate with other agent without environment. B. Environment has nothing to do with communications among agents. C. Agent may or may not be goal-directed. D. An agent can communicate with other agent via corresponding environment	1M
Q3	"Generate and Test" by nature can be _____ and _____. A. Heuristic B. Exhaustive C. Non-exhaustive D. Unplanned	1M
Q4.	Which among these is true about intelligent system? A. It solves a sufficiently difficult problem in a supervised way only B. It can not be unsupervised C. It solves a sufficiently difficult problem in a generalizable way D. It is incapable of updating its knowledge base	1M
Q5	In _____ AI environment, uncertainty is avoided better. A. Stochastic B. Competitive C. Deterministic D. Discrete	1M
Q6	The action of thinking about something in a logical, sensible way is _____. A. Comprehending B. Inferencing C. Perceiving D. Reasoning	1M
Q7	Which among these can be considered as parts of the definition of AI ? A. The study of mental faculties through the use of computational models. B. The study of design of sensors and actuators. C. The study of the design of intelligent agents. D. The study of the design of industry automation frameworks.	1M
Q8	Ans : Plateau (graph Question)	1M
Q9	Uniform cost search modifies breadth-first strategy by _____.	1M

	<p>A. Always expanding the highest-cost node.</p> <p>B. Always expanding the node whose cost is greater than user supplied threshold.</p> <p>C. Always expanding the lowest-cost node.</p> <p>D. Always expanding the node whose cost is smaller than user supplied threshold.</p>	
Q10	<p>Which sentence among these is true about the Turing test?</p> <p>A. It is reproducible</p> <p>B. It is with reference to acting humanly</p> <p>C. It is not constructive</p> <p>D. It is reproducible and not constructive</p>	1M