https://www.javatpoint.com/artificial-intelligence-mcq

- 1) Artificial Intelligence is about_____.
- a. Playing a game on Computer
- b. Making a machine Intelligent
- c. Programming on Machine with your Own Intelligence
- d. Putting your intelligence in Machine

Answer: b. Making a machine Intelligent.

Explanation: Artificial Intelligence is a branch of Computer science, which aims to create intelligent machines so that machine can think intelligently in the same manner as a human does.

- 2) Who is known as the -Father of AI"?
- a. Fisher Ada
- b. Alan Turing
- c. John McCarthy
- d. Allen Newell

Answer: c. John McCarthy

- 3) Select the most appropriate situation for that a blind search can be used.
- a. Real-life situation
- b. Small Search Space
- c. Complex game
- d. All of the above

Answer: b. Small Search Space

Explanation: Blind Search is also known as **uninformed search**, and it does not contain any domain information such as closeness, location of the goal, etc. Hence the most appropriate situation that can be used for the blind search is Small-search Space.

- 4) The application/applications of Artificial Intelligence is/are
- a. Expert Systems
- b. Gaming
- c. Vision Systems
- d. All of the above

Answer: d. All of the above

- 5) Among the given options, which search algorithm requires less memory?
- a. Optimal Search

b.	Depth First Search
c.	Breadth-First Search
d.	Linear Search
Answer	: b. Depth First Search
-	ation: The Depth Search Algorithm or DFS requires very little memory as it only stores the f nodes from the root node to the current node.
	obot is able to change its own trajectory as per the external conditions, then the robot is ered as the
a.	Mobile
b.	Non-Servo
c.	Open Loop
d.	Intelligent
Answer	r: d. Intelligent
-	ation: If a robot is able to change its own trajectory as per the external conditions, then the considered intelligent. Such type of agents come under the category of AI agents or Rational
7) Whic	ch of the given language is not commonly used for AI?
a.	LISP
b.	PROLOG
c.	Python
d.	Perl
Answer	r: d. Perl
	chnique that was developed to determine whether a machine could or could not demonstrate ficial intelligence known as the
a.	Boolean Algebra
b.	Turing Test
c.	Logarithm
d.	Algorithm
Answer	r: b. Turing Test
9) The 0	component of an Expert system is
a.	Knowledge Base
b.	Inference Engine
c.	User Interface

d.	All of the above
Answe	r: d. All of the above
10) Wł	nich algorithm is used in the Game tree to make decisions of Win/Lose?
a.	Heuristic Search Algorithm
b.	DFS/BFS algorithm
c.	Greedy Search Algorithm
d.	Min/Max algorithm
Answe	r: d. Min/Max Algorithm
11) The	e available ways to solve a problem of state-space-search.
a.	1
b.	2
c.	3
d.	4
Answe	er: b. 2
They	are forward from the initial state and backward from the goal.
12) Am	nong the given options, which is not the required property of Knowledge representation?
a.	Inferential Efficiency
b.	Inferential Adequacy
c.	Representational Verification
d.	Representational Adequacy
Answe	r: C. Representational Verification
13) An	All agent perceives and acts upon the environment using
a.	Sensors
b.	Perceiver
c.	Actuators
d.	Both a and c
Answe	r: d. Both a and c.
14) Wł	nich rule is applied for the Simple reflex agent?

a. Simple-action rule

b. Simple &Condition-action rule

c. Condition-action rule

d.	None of the above
Answ	er: c. Condition-action rule
15) W	hich agent deals with the happy and unhappy state?
a.	Utility-based agent
b.	Model-based agent
c.	Goal-based Agent
d.	Learning Agent
Answ	er: a. Utility-based agent
16) Ra	ational agent always does the right things.
a.	True
b.	False
Answ	er: a. True
17) W	hich term describes the common-sense of the judgmental part of problem-solving?
a.	Values-based
b.	Critical
c.	Analytical
d.	Heuristic
Answ	er: d. Heuristic
	which AI technique enables the computers to understand the associations and relationships een objects and events?
a.	Heuristic Processing
b.	Cognitive Science
c.	Relative Symbolism
d.	Pattern Matching
Answ	er: d. Pattern Matching
19) Th	ne exploration problem is where
a.	Agent contains the knowledge of State and actions.
b.	Agent does not contain the knowledge of State and actions.
c.	Only actions are known to the agent.
d.	None of the above
Answ	er: b. Agent does not contain knowledge State and actions

- 20) In the Wumpus World Problem, the reason for the uncertainty is that the agent's sensor gives only__
- a. Full & Global information
- b. Partial & Global Information
- c. Full & local information
- d. Partial & local Information

Answer: d. Partial & local Information

- 21) The search algorithm which is similar to the minimax search, but removes the branches that don't affect the final output is known as___.
- a. Depth-first search
- b. Breadth-first search
- c. Alpha-beta pruning
- d. None of the above

Answer: c. Alpha-beta pruning

- 22) The maximum depth to which the alpha-beta pruning can be applied.
- a. Eight states
- b. Six states
- c. Ten states
- d. Any depth

Answer: d. Any depth

- 23) Among the given options, which is also known as inference rule?
- a. Reference
- b. Reform
- c. Resolution
- d. None of the above

Answer: c. Resolution

- 24) Which of the following option is used to build complex sentences in knowledge representation?
- a. Symbols
- b. Connectives
- c. Quantifier
- d. None of the above

Answer: b. Connectives

25) Au	tomatic Reasoning tool is used in
a.	Personal Computers
b.	Microcomputers
C.	LISP Machines
d.	All of the above
Answe	er: c. LISP Machine
	according to the hypothesis, the result should be positive, but in fact it is negative, then it is as
a.	False Negative Hypothesis
b.	False Positive Hypothesis
c.	Specialized Hypothesis
d.	Consistent Hypothesis
Answe	er: b. False Positive Hypothesis
27) A I	hybrid Bayesian Network consist
a.	Discrete variables only
b.	Discontinuous Variable
c.	Both Discrete and Continuous variables
d.	Continuous Variable only
Answe	er: c. Both Discrete and Continuous Variables
31) Th	e PEAS in the task environment is about
a.	Peer, Environment, Actuators, Sense
b.	Performance, Environment, Actuators, Sensors
c.	Perceiving, Environment, Actuators, Sensors
d.	None of the above
Answe	er: b. Performance, Environment, Actuators, Sensors
32) In	state-space, the set of actions for a given problem is expressed by the
a.	Intermediate States
b.	Successor function that takes current action and returns next state
c.	Initial States
d.	None of the above

Answer: b. Successor function that takes current action and returns next state

33) In v	which search problem, to find the shortest path, each city must be visited once only?
a.	Map coloring Problem
b.	Depth-first search traversal on a given map represented as a graph
C.	Finding the shortest path between a source and a destination
d.	Travelling Salesman problem
Answe	r: d. Travelling Salesman problem
36) The	e main function of problem-solving agent is to
a.	Solve the given problem and reach the goal
b.	Find out which sequence of action will get it to the goal state.
c.	Both a & b
d.	None of the above
Answe	r: Both a & b
37) In a	artificial Intelligence, knowledge can be represented as
i. Predi	cate Logic
ii. Prop	ositional Logic
iii. Com	npound Logic
iv. Mac	chine Logic
a.	Both I and II
b.	Only II
c.	Both II and III
d.	Only IV
Answe	r: a. Both I and II
38) For	propositional Logic, which statement is false?
a.	The sentences of Propositional logic can have answers other than True or False.
b.	Each sentence is a declarative sentence.
C.	Propositional logic is a knowledge representation technique in AI.
d.	None of the above
Answe	r: a. The sentences of Propositional logic can have answers other than True or False
39) Firs	st order logic Statements contains
a.	Predicate and Preposition
b.	Subject and an Object

C.	Predicate and Subject
d.	None of the above
Answe	r: c. Predicate and Subject
42) The	e main tasks of an AI agent are
a.	Input and Output
b.	Moment and Humanly Actions
c.	Perceiving, thinking, and acting on the environment
d.	None of the above
Answe	r: c. Perceiving, thinking, and acting on the environment
43) The	e probabilistic reasoning depends upon
a.	Estimation
b.	Observations
c.	Likelihood
d.	All of the above
Answe	r: d. All of the above
52) Wh decisio	ich of the given element improve the performance of AI agent so that it can make better ns?
a.	Changing Element
b.	Performance Element
c.	Learning Element
d.	None of the above
Answe	r: c. Learning Element
#10. W	hat is the function of an AI "Agent"?
Маррі	ng of goal sequence to an action
Work	without direct interference of people
Mappi	ng of precept sequence to an action
Mappi	ng of environment sequence to action
#11. W	hich of the following is not a type of AI agent?
	ng agent
	ased agent

Simple reflex agent

Unity-based agent

- 16. Which of the following machine requires input from the humans but can interpret the outputs themselves?
- a) Actuators
- b) Sensor
- c) Agents
- d) AI system

View Answer

Answer: d

- 24. Which of the following is/are the composition for AI agents?
- a) Program only
- b) Architecture only
- c) Both Program and Architecture
- d) None of the mentioned

View Answer

Answer: c

- 29. What is an AI 'agent'?
- a) Takes input from the surroundings and uses its intelligence and performs the desired operations
- b) An embedded program controlling line following robot
- c) Perceives its environment through sensors and acting upon that environment through actuators
- d) All of the mentioned

View Answer

Answer: d

- 34. What is Weak AI?
- a) the study of mental faculties using mental models implemented on a computer
- b) the embodiment of human intellectual capabilities within a computer
- c) a set of computer programs that produce output that would be considered to reflect intelligence if it were generated by humans
- d) all of the mentioned

View Answer

Answer: a

Machine Learning MCQ

1. Example of Reinforcement learning

chess game

object recognition

Weather conditions

price of house

2. Real-Time decisions, Game AI, Learning Tasks, Skill Aquisition, and Robot Navigation are applications in
Unsupervised Learning: Clustering
Supervised Learning: Classification
Reinforcement Learning
Unsupervised Learning: Regression
3. How do you handle missing or corrupted data in a dataset?
Drop missing rows or columns
Replace missing values with mean/median/mode
Assign a unique category to missing values
All of the above
4. Which among the below options are types of Feature engineering? (May choose multiple answers)
Replacing missing value
Getting mean value from a group of entities
Extracting city from home address
Changing hyper-parameter values
5. What is overfitting?
When a predictive model is accurate but takes too long to run
When the model learns specifics of the training data that can't be generalized to a larger data set
When you perform hyperparameter tuning and performance degrades
When you apply a powerful deep learning algorithm to a simple machine learning problem
 A heuristic is a way of trying To discover something or an idea embedded in a program To search and measure how far a node in a search tree seems to be from a goal To compare two nodes in a search tree to see if one is better than another All of the mentioned View Answer
Answer: d
2. A* algorithm is based on a) Breadth-First-Search b) Depth-First –Search c) Best-First-Search d) Hill climbing View Answer

Answer: c
 What is the main task of a problem-solving agent? Solve the given problem and reach to goal To find out which sequence of action will get it to the goal state All of the mentioned None of the mentioned View Answer
Answer: c
2. What is state space?a) The whole problemb) Your Definition to a problemc) Problem you designd) Representing your problem with variable and parameterView Answer
Answer: d
3. The problem-solving agent with several immediate options of unknown value can decide what to do by just examining different possible sequences of actions that lead to states of known value, and then choosing the best sequence. This process of looking for such a sequence is called Search. a) True b) False View Answer
Answer: a
4. A search algorithm takes as an input and returns as an output. a) Input, output b) Problem, solution c) Solution, problem d) Parameters, sequence of actions View Answer
Answer: b
5. A problem in a search space is defined by one of these state.a) Initial stateb) Last statec) Intermediate stated) All of the mentionedView Answer
Answer: a Explanation: A problem has four components initial state, goal test, set of actions, path cost.

b) Initial statec) Successor function, which takes current action and returns next immediate state

a) Intermediate states

6. The Set of actions for a problem in a state space is formulated by a ______

d) None of the mentioned View Answer
Answer: c
7. A solution to a problem is a path from the initial state to a goal state. Solution quality is measured by the path cost function, and an optimal solution has the highest path cost among all solutions. a) True b) False View Answer
Answer: b
8. The process of removing detail from a given state representation is called a) Extraction b) Abstraction c) Information Retrieval d) Mining of data View Answer
Answer: b
11. Web Crawler is a/an a) Intelligent goal-based agent b) Problem-solving agent c) Simple reflex agent d) Model based agent View Answer
Answer: a
12. What is the major component/components for measuring the performance of problem solving? a) Completeness b) Optimality c) Time and Space complexity d) All of the mentioned View Answer
Answer: d
13. A production rule consists of a) A set of Rule b) A sequence of steps c) Set of Rule & sequence of steps d) Arbitrary representation to problem View Answer
Answer: c
15. Which is the best way to go for Game playing problem?a) Linear approachb) Heuristic approach (Some knowledge is stored)

c) Random approach

d) An Optimal approach View Answer
Answer: b
6. In which agent does the problem generator is present?a) Learning agentb) Observing agentc) Reflex agentd) None of the mentionedView Answer
Answer: a
5. Agents behavior can be best described by a) Perception sequence b) Agent function c) Sensors and Actuators d) Environment in which agent is performing View Answer
Answer: b
10. The Task Environment of an agent consists of a) Sensors b) Actuators c) Performance Measures d) All of the mentioned View Answer
Answer: d
 2. What is state space? a) The whole problem b) Your Definition to a problem c) Problem you design d) Representing your problem with variable and parameter View Answer
Answer: d
 are mathematical problems defined as a set of objects whose state must satisfy a number of constraints or limitations. a) Constraints Satisfaction Problems b) Uninformed Search Problems c) Local Search Problems d) All of the mentioned View Answer
Answer: a
2. Which of the Following problems can be modeled as CSP?

a) 8-Puzzle problem

c) Map coloring problem d) All of the mentioned
View Answer Answer: d
Answer. u
2 Artificial Intelligence is about
2 Playing a game on Computer
Making a machine intelligent
2 Programming on machine with your own intelligence
2 Putting your intelligence in machine
2 How many layers a shallow network has?
2 One
2 Two
2 Two 2 Three
2 Two
? Two? Three? No set demarcation
2 Two 2 Three
 Two Three No set demarcation Can rule bases engine (Expert Systems) interpolate for in-between conditions (not specifically
 Two Three No set demarcation Can rule bases engine (Expert Systems) interpolate for in-between conditions (not specifically coded)
 Two Three No set demarcation Can rule bases engine (Expert Systems) interpolate for in-between conditions (not specifically coded) Yes
 ? Two ? No set demarcation ? Can rule bases engine (Expert Systems) interpolate for in-between conditions (not specifically coded) ? Yes ? No
 ? Two ? No set demarcation ? Can rule bases engine (Expert Systems) interpolate for in-between conditions (not specifically coded) ? Yes ? No
 ☑ Three ☑ No set demarcation ☑ Can rule bases engine (Expert Systems) interpolate for in-between conditions (not specifically coded) ☑ Yes ☑ No ☑ Either ☑ What is the full form of "AI"? ☑ Artificially Intelligent
 ? Two ? Three ? No set demarcation ? Can rule bases engine (Expert Systems) interpolate for in-between conditions (not specifically coded) ? Yes ? No ? Either ? What is the full form of "AI"?

b) 8-Queen problem

2 Advanced Intelligence
What is Artificial Intelligence?
② A field that aims to make humans more intelligent
② A field that aims to improve the security
② A field that aims to develop intelligent machines
② A field that aims to mine the data
② Which of the following is the branch of AI?
2 Machine Learning
2 Cyber forensics
2 Full-Stack Developer
2 Network Design
2 is the goal of artificial intelligence.
2 To solve artificial problems
2 To extract scientific causes
2 To explain various sorts of intelligence
To solve real-world problems
2 Which of the following is an application of AI?
2 It helps to exploits vulnerabilities to secure the organization
2 Language understanding and problem-solving (Text analytics and NLP)
2 Easy to create a website
It helps to deploy applications on the cloud
② Who is the inventor of AI?
2 Geoffrey Hinton
2 Andrew Ng
2 John McCarthy
2 Jürgen Schmidhuber

② DARPA, the agency that has funded a great deal of American Artificial Intelligence research, is part of the Department of
2 Defence
2 Energy
2 Education
2 Justice
Which year Google invested in driverless Car?
2000
2004
2010
2014
2 Fine-tuned model from one field may not work in other field
? True
2 False
2 Don't know
② A.M. Turing developed a technique for determining whether a computer could or could not demonstrate the artificial Intelligence, Presently, this technique is called
2 Turing Test
2 Algorithm
Boolean Algebra
2 Logarithm
What was originally called the "imitation game" by its creator?
? The Turing Test
2 LISP
① The Logic Theorist
2 Cybernetics

① Which programming language is most used for AI?
2 Python
2 Java
2 Lisp
② R
2 Prolog
Bottom Up Approach focuses on
② on action and behavior
② on action and function
② on representation and function
② on representation and behavior
② Which of the following is an advantage of artificial intelligence?
② AI reduces the time taken to solve problem
2 Al helps in providing security
② AI have the ability to think hence makes the work easier
2 All of the above
② Which of the following is an expansion of Artificial Intelligence application?
Game Playing
2 Planning and Scheduling
2 Diagnosis
2 All of the mentioned
2 Natural language understanding is used in:
2 Natural language interfaces
2 Natural language front ends
☑ Text understanding systems
2 All of the above

objects and events is called:
Heuristic processing
Cognitive science
2 Relative symbolism
Pattern matching
Geo-fencing is technique to in specified locations
Keep all your equipment
Targeted advertisements
Keep Personnel
2 All of the above
I How can you handle missing or corrupted data in a dataset?
2 Drop missing rows or columns
Assign a unique category to missing values
Replace missing values with mean/median/mode
② All of the above
Machine learning algorithms build a model based on sample data, known as
2 Training Data
12 Transfer Data
Data Training
② None of the above
② A Machine Learning technique that helps in detecting the outliers in data.
2 Clustering
2 Classification
2 Anamoly Detection
② All of the above

2 Real-Time decisions, Game AI, Learning Tasks, Skill acquisition, and Robot Navigation are
applications of
2 Reinforcement Learning
Supervised Learning: Classification
2 Unsupervised Learning: Regression
2 None of the above
② Which of the following is not a supervised learning?
2 Naive Bayesian
2 PCA
2 Linear Regression
2 Decision Tree
② Which of the following is not type of learning?
2 Unsupervised Learning
Supervised Learning
2 Semi-unsupervised Learning
2 Reinforcement Learning
☑ Targeted marketing, Recommended Systems, and Customer Segmentation are applications
in which of the following
Supervised Learning: Classification
2 Unsupervised Learning: Clustering
2 Unsupervised Learning: Regression
Reinforcement Learning
② Fraud Detection, Image Classification, Diagnostic, and Customer Retention are applications in which of the following
2 Unsupervised Learning: Regression
2 Supervised Learning: Classification
2 Unsupervised Learning: Clustering

Reinforcement Learning
② A heuristic is a way of trying
☑ To discover something or an idea embedded in a program
1 To search and measure how far a node in a search tree seems to be from a goal
12 To compare two nodes in a search tree to see if one is better than the other is
2 All of the mentioned
② What is the term used for describing the judgmental or common-sense part of problem
solving?
2 Heuristic
2 Critical
2 Value based
2 Analytical
② A search algorithm takes as an input and returns as an output.
Input, output
2 Problem, solution
Solution, problem
Parameters, sequence of actions
☑ A problem in a search space is defined by one of these state
2 Initial state
② Last state
② All of the mentioned
② are used for perceiving and are used for acting upon the environment?
Sensors and Actuators
② Sensors
2 Sensors

Perceiver

2 None of the above
② What is meant by agent's percept sequence?
② Used to perceive the environment
2 Complete history of actuator
2 Complete history of perceived things
2 None of the above
② What is the function of an artificial intelligence "Agent"?
2 Mapping of goal sequence to an action
2 Work without the direct interference of the people
2 Mapping of precept sequence to an action
Mapping of environment sequence to an action
② What is the rule of simple reflex agent?
2 Simple-action rule
2 Condition-action rule
☑ Simple & Condition-action rule
2 None of the above
☐ The composition for agents in artificial intelligence are
2 Program only
2 Architecture only
Both Program and Architecture
2 None of the above
In which agent does the problem generator is present?
2 Learning agent
② Observing agent
2 Reflex agent
2 None of the above

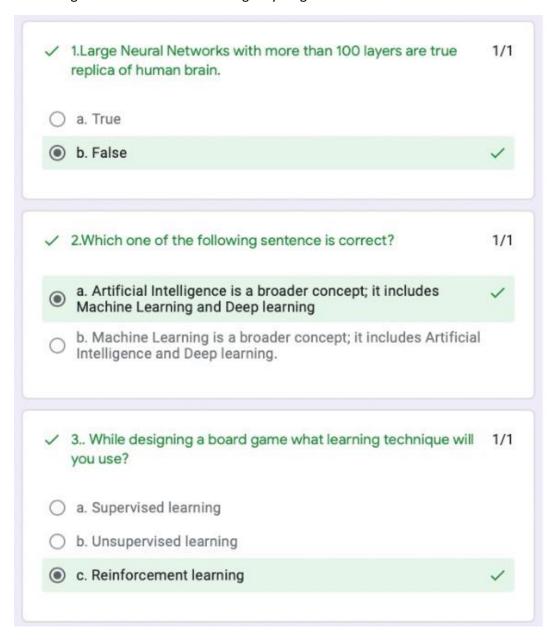
Which agent deals with happy and unhappy states?
2 Simple reflex agent
Model based agent
? Learning agent
2 Utility based agent
? What is an 'agent'?
2 Perceives its environment through sensors and acting upon that environment through actuators
Takes input from the surroundings and uses its intelligence and performs the desired
operations
② A embedded program controlling line following robot
② All of the above
② Agents behavior can be best described by
? Perception sequence
② Agent function
Sensors and Actuators
② Environment in which agent is performing
2 Rational agent is the one who always does the right thing.
2 True
? False
Performance Measures are fixed for all agents.
2 True
? False
② An omniscient agent knows the actual outcome of its actions and can act accordingly; but
omniscience is impossible in reality
2 True

2 False
Rational Agent always does the right thing; but Rationality is possible in reality.
2 True
2 False
The Task Environment of an agent consists of
2 Sensors
2 Actuators
2 Performance Measures
2 All of the mentioned
2 Categorize Crossword puzzle in Fully Observable / Partially Observable.
2 Fully Observable
2 Partially Observable
2 All of the mentioned
2 None of the mentioned
12 The game of Poker is a single agent.
2 True
2 False
② What is called an exploration problem?
2 State and actions are unknown to the agent
2 State and actions are known to the agent
② Only actions are known to agent
2 None of the mentioned
② An expert system differs from a database program in that only an expert system:
2 Contains declarative knowledge
2 Contains procedural knowledge

Features the retrieval of stored information
② Expects users to draw their own conclusions
Treatment chosen by doctor for a patient for a disease is based on
Only current symptoms
Current symptoms plus some knowledge from the textbooks
2 Current symptoms plus some knowledge from the textbooks plus experience
2 All of the mentioned
② A knowledge-based agent can combine general knowledge with current percepts to
infer hidden aspects of the current state prior to selecting actions.
2 True
2 False
Choose the correct option:
A - Knowledge base (KB) is consists of set of statements
B - Inference is deriving a new sentence from the KB.
② A is true, B is true
② A is false, B is false
② A is true, B is false
② A is false, B is true
In which of the following situations might a blind search be acceptable?
① complex game
② small search space
2 all of the mentioned
Which search method takes less memory?
Depth-First Search
Breadth-First search

?	are mathematical problems defined as a set of objects whose state must
satisfy a number of	constraints or limitations.
☑ Constraints Satisfa	action Problems
Uninformed Searc	h Problems
? Local Search Probl	ems
2 All of the mention	ed
Which of the Follo	wing problems can be modeled as CSP?
② 8-Puzzle problem	
Map coloring prob	lem
2 All of the mention	ed
What among the fPath cost	ollowing constitutes to the incremental formulation of CSP?
② Goal cost	
Successor function	1
2 All of the mention	
	is used for a depth-first search that chooses values for one variable at a sen a variable has no legal values left to assign.
Forward search	
② Backtrack search	
② Hill algorithm	
2 Reverse-Down-Hill	search
② To overcome the r	need to backtrack in constraint satisfaction problem can be eliminated by
Forward Searching	
2 Constraint Propaga	ation
Backtrack after a f	orward search

② Omitting the constraints and focusing only on goals



~	 Self-driving cars and virtual assistants, like Siri are examples of: 	1/1
•	a. Weak Al.	1
0	b. Strong Al.	
~	5. What were original 3Vs of Big Data?	1/1
•	a. Volume, Value and Variety	~
0	b. Volume, Variety and Veracity	
0	c. Volume, Velocity and Variety	
0	d. Volume, Value and Veracity	
×	6. Turing Test is aimed at proving that a computer (machine):	0/1
0	a. Acts like human.	
0	b. Thinks like human.	
0	c. Acts rationally.	
•	d. Thinksrationally.	×
Cor	rect answer	
•	a. Acts like human.	

~	7. In Statistical models, compared to Machine Learning models, computational needs are generally:	1/1
•	a. Shortened.	~
0	b. Similar.	
0	c. Detailed.	
/	8. You can define the Fringe node as:	1/1
0	a. Very first node in a search.	
0	b. Node which does not have any child.	
•	c. Nodes that have not been expanded yet.	~
0	d. Nodes that are part of pruned tree.	
/	9. For successful Heuristic Search: (only one of the options is correct)	1/1
0	a. Exact cost through each of the path must be known.	
0	b. Exact cost through most optimal path must be known.	
•	 c. Any function which is indicative of remaining cost is needed. 	~
	 d. Any function which is indicative of current cost (cost already incurred) is needed. 	

10. In Genetic Algorithms:	1/1
a. A successor state is generated by combining two parent states. b. Higher value of fitness function represents better state.	
 c. Produce the next generation of states by selection, crossove and mutation. 	
d. All of above.	~
/ 11. Culling is:	1/1
a. Mutation of states.	
b. State with highest non attacking pairs.	
c. Cross Over of states.	
d. Ignore the states below threshold.	~
12. What is Deep Web?	1/1
a. Part of World Wide Web that is multiple layers deep.	
b. Part of World Wide Web that is indexed by search engines.	
c. Part of World Wide Web that is not indexed by search engines.	~
d. Part of World Wide Web that is accessible to Deep Neural Networks.	
	1/1
13. Uninformed search is	1/1
13. Uninformed search is a. More complex.	✓
	~
a. More complex.	✓

14. Which one is not a type of agent in AI terminology?	1/1
a. Simple Reflex Agent	
b. Clearing Agent	~
C. Goal-based Agent	
d. Learning Agent	
a. Safety	
b. Steering	~
b. Steering c. Smoothness of operations	~
	a. Simple Reflex Agent b. Clearing Agent c. Goal-based Agent d. Learning Agent 15. For self-driving car, which one is not a performance factor?