

S.No.	Question Statement - mandatory	Choice 1 - mandatory	Choice 2 - mandatory	Choice 3 - mandatory	Choice 4 - mandatory	Correct choice - mandatory	
126	What are you predicating by the logic: $\forall x: \exists y: \text{loyalto}(x, y)$ ?	Everyone is loyal to someone	Everyone is loyal to all	Everyone is not loyal to	Everyone is loyal	1	
127	A plan that describe how to take actions in levels of increasing refinement and specificity is	Problem solving	Planning	Non-hierarchical plan	Hierarchical plan	4	
128	A constructive approach in which no commitment is made unless it is necessary to do so, is	Least commitment approach	Most commitment approach	Nonlinear planning	Opportunistic planning	1	
129	Select which option is better for exploring planning algorithms.	Most-constrained variable	Most-constrained literal	Constrained	non-constrained	1	
130	What will take place as the agent observes its interactions with the world?	Learning	Hearing	perceiving	speech	1	
131	What is used in determining the nature of the learning problem?	environment	feedback	solution	problem	2	
132	Assume you are devising a game playing algorithm. Identify which component is selected for utility function.	Linear polynomial	Weighted polynomial	Polynomial	Linear weighted polync	4	
133	Which is used to choose among multiple consistent hypotheses?	Razor	Ockham razor	Learning element	Learning environment	2	
134	How the decision tree reaches its decision?	Single test	Two test	Sequence of test	No test	3	
135	"All kings are persons," is written in first-order logic as	$\forall x \text{ king}(x) \wedge \text{Person}(x)$	$\forall x \text{ king}(x) \Rightarrow \text{Person}(x)$	$\forall \text{ king}(x) \Rightarrow \text{Person}(x)$	$\text{king}(x) \wedge \text{Person}(x)$	2	
136	Where did all the facts are stored to implement store and fetch function?	Database	Knowledge base	Datamart	data repository	2	
137	Choose the best option for exploring predicate indexing.	All the one kind of facts in one bucket and another kind in other bucket	Acts like index for facts	use one bucket for indexing	act like index for data	1	
138	what is a strategy of an expert system to answer the question, "What can happen next?"	Forward Chaining	Backward Chaining	Hashing	chaining	1	
139	"Tom is running (A) If a person is running, he will sweat (A->B) Therefore, Tom is sweating. (B) "	The	Backward Chaining	forward chaining	double hashing	non-chaining	2
140	above lines represent which method? The MYCIN expert system is a real life example of	forward chaining	Backward Chaining	Data complexity	data security	2	
141	"The patient has a bacterial infection. The patient is vomiting. He/she is also experiencing diarrhea and severe stomach upset. Therefore, the patient has typhoid (salmonella bacterial infection)". The above sequence have the advantage as	It's a quicker method of reasoning than forward chaining because the endpoint is available.	It's slower method of reasoning than forward chaining	It doesn't deduce multiple solutions or answers A prediction made using an extremely simple method, such as always predicting the same output	It only derives data that is needed	1	
142	Identify the crux behind Inductive logic programming	A class of learning algorithms that try to derive a Prolog program from examples	A table with n independent attributes can be seen as an n-dimensional space	java based logic program		1	
143	Statistical significance is used extensively in Artificial Intelligence projects. Pick the correct logic behind it	Measure of the probability that a certain hypothesis is incorrect given certain observations.	One of the defining aspects of a data warehouse, which is specially built around all the existing applications of the operational data	spss output	The science of collecting, organizing, and applying numerical facts	1	