MCQ's of Artificial Intelligence

1. State space is...
   a) Representing your problem with variable and parameter
   b) Problem you design
   c) Your Definition to a problem
   d) The whole problem

☐ Answer - Click Here:

A

2. What is a Web Crawler?
   a) Simple reflex agent
   b) Model-based agent
   c) Problem-solving agent
   d) Intelligent goal-based agent

☐ Answer - Click Here:

A

3. Informed search strategy also called...
   a) Simple search
   b) Online search
   c) Heuristic search
   d) None of these

☐ Answer - Click Here:

C

4. Zero sum game has player...
   a) seven
   b) Two
   c) three player
   d) Multiplayer

☐ Answer - Click Here:

D

5. An agent is composed of...
   a) Architecture and Program
   b) Perception Sequence
   c) Agent Function
   d) Architecture
6. Values of alpha-beta search get updated...
   a) At the end
   b) along the path of search
   c) Initial state itself
   d) None of the mentioned

7. Calculate the feasibility of whole game tree used...
   a) Evaluation function
   b) Alpha-beta pruning
   c) Transposition
   d) All of these

8. Which of the following is also called First order Logic?
   a) Lower Order Calculus
   b) First Order Predicate Calculus
   c) Quantification Theory
   d) All of these

9. Single propositional symbol created by...
   a) Composition sentences
   b) Atomic sentences
   c) Complex sentences
   d) None of these

10. Which one is used for compute the logical inference algorithm?
    a) Validity
    b) Satisfiability
    c) Logical equivalence
    d) All of these

11. Single inference rule also called...
    a) Resolution
    b) Reference
    c) Reference
12. Factoring means...

a) Removal of redundant literal  
b) Removal of redundant variable  
c) Addition of redundant variable  
d) Addition of redundant literal

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