All The best For Exams – Rejinpaul Team

Anna University Exams May/June 2014 – Regulation 2008
Rejinpaul.com Important Questions – 6th Semester BE/BTECH
CS2351 - Artificial Intelligence

1. Explain AO* algorithm with an example
2. Explain the structure of different intelligent system
3. Explain the following uninformed search strategies (i).Depth First Search (ii) Iterative deepening depth first search (iii) Bi-Directional Search
4. Explain in detail on the characteristics and applications of learning agents
5. Explain the resolution procedure in detail
6. Discuss in detail the steps involved in the knowledge engineering process
7. Discuss forward and backward chaining in detail
8. Explain Unification algorithm used for reasoning under predicate logic with an example
9. Explain the concept of planning with state space search using suitable example
10. Explain the use of planning graphs in providing better heuristics estimates with example
11. Explain the concepts of partial order planning with an example
12. Write short notes on Hierarchical task network planning
13. Explain any two real world applications of planning and acting
14. Explain the concepts of Bayesian network in representing knowledge in an uncertain domain
15. Write short notes on (i).Temporal model (ii).Probabilistic reasoning
16. Explain the method of handling approximate inference in Bayesian network
17. Explain the Hidden Markov Models
18. Explain the concept of learning using decision trees and neural network approach
19. Write short notes on (i).Statistical learning (ii)Explanation based learning
20. Explain in detail learning from observation and explanation based learning
21. Explain in detail statistical learning methods and reinforcement learning

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Questions Are Expected for University Exams This May Or may Not Be Asked For Exams

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