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B.E. 6th Semester (IT) Examination, May-2013

INTELLIGENT SYSTEMS

Paper-CSE-304-E

Time allowed : 3 hours]

[Maximum marks : 100

Note : Attempt any five questions. All questions carry equal marks.

1. Explain the history of A.I. What are its different scopes ? Explain different A. I problems and techniques.
2. Explain the different methods of knowledge representation. Also explain rule based deduction system.
3. Explain the following search techniques :
 - (a) Minmax algorithm
 - (b) Alpha beta pruning.
4. Discuss reasoning with special reference to fuzzy reasoning. Also explain heuristic methods.
5. Focus on representation for planning. Also explain different learning techniques in detail with their scopes.
6. What is knowledge acquisition ? Also write down the application of AI in robotics.

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7. Explain breadth first and depth first search techniques with their applications.
8. Write the short notes on the following :
 - (a) PROLOG
 - (b) Problem space
 - (c) Future of E.S.
 - (d) Neural nets.