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Roll No

MCIT - 204**M.E./M.Tech., II Semester**

Examination, December 2015

Soft Computing*Time : Three Hours**Maximum Marks : 70*

Note : i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) Compare and contrast Human brain and Neural network.
b) Explain in detail fuzzy set theory.
2. What is learning from reinforcement? Explain with example.
3. Discuss the following algorithm - Breadth first, Best first.
4. Discuss in detail the learning algorithm of back - propagation network.
5. Explain artificial neural network architecture? Write its Application.
6. Explain :
 - a) Hopfield Networks
 - b) Associative Networks

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7. Explain simulated annealing and Evolutionary computation.
8. Write short notes on genetic algorithm.