Code: 17D06107

M.Tech I Semester Regular & Supplementary Examinations January/February 2019
PATTERN RECOGNITION & COMPUTER VISION
(Digital Systems & Computer Electronics)
(For students admitted in 2017 & 2018 only)

Time: 3 hours   Max. Marks: 60

Answer all the questions
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1   Discuss about data training of learning systems.
OR
2   Explain about concept representation and function approximation.

3   Explain about neurons and biological motivation.
OR
4   What is back propagation and explain its training algorithm?

5   What is SVM? Explain in detail.
OR
6   Discuss about Kernels for learning non-linear functions.

7   Explain the strategy and games.
OR
8   Discuss about the extensive forms of games with an example.

9   Discuss about the heuristic search techniques.
OR
10   Explain the principle of particle swarm optimization.

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