

**I M.Tech - II Semester - Regular Examinations – AUGUST 2018**

**DEEP LEARNING  
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Max. Marks: 60

Answer the following questions:

1. How would you classify the Generalization? Explain them.

15 M

(OR)

2. What is meant by Computational Complexity and what is the role played by it in Deep Learning?

15 M

3. What is the need of Probability? How would you apply it for Deep Learning?

15 M

(OR)

4. How would summarise Probability Distributions?

15 M

5. What examples can you find to explain Bias and Variance?

15 M

(OR)

6. Illustrate the Challenges of Deep Neural Networks Learning. 15 M

7. How would summarise Optimization for Model Training? 15 M

(OR)

8. How would you classify Optimization Algorithms? 15 M