

**Assignment – IV, May 2020**  
**SUBJECT: Advanced Machine Learning (CSE 5012)**

Date: 28.05.2020

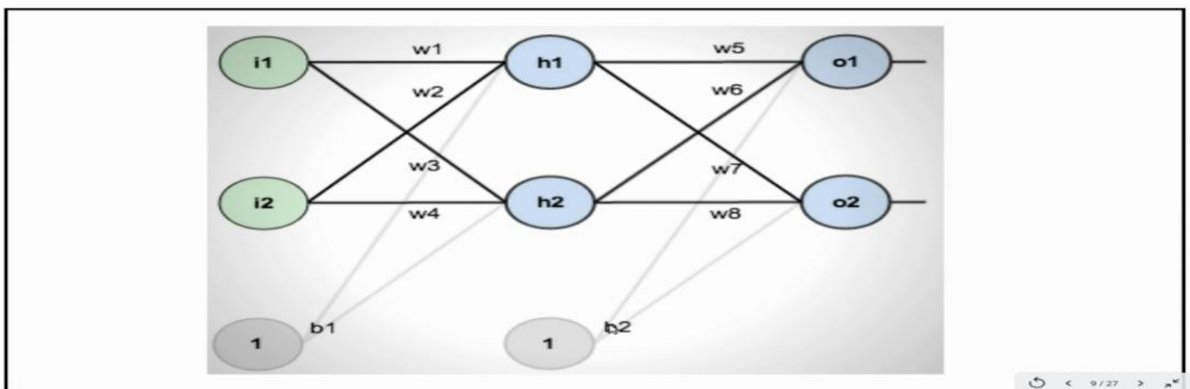
Time: 30 Minutes

MAX. MARKS: 5

Instructions to Candidates:

❖ Missing data, if any, may be suitably assumed.

**Explain how backpropagation learning algorithm works for the following neural network model? 2M**



**Write the following machine learning models and mention how they differ. 3M**

- a) Single layer neural network model
- b) Multilayer neural network model