

DEERWALK INSTITUTE OF INFORMATION TECHNOLOGY  
SIFAL, KATHMANDU

Feb 21, 2023

Unit Test #1(Section#A&B)	
Full marks	20
Pass marks	8
Time	45 Mins

- ✓ *Candidates are required to give their answer in their own words as far as practicable.*
- ✓ *Attempt All Questions.*
- ✓ *Assume suitable data if necessary.*

1. Explain basic Neural Network with suitable diagram and its learning. [4+4=8]
2. What is Recurrent Neural Network (RNN)? How its limitation is addressed with Long Short Term Memory (LSTM). Explain with suitable diagram of RNN and LSTM network. [6+6=12]