Time: 3 Hours   **Max. Marks:35**

Q1. Write a program to implement Fuzzy Operations   **[15 Marks]**
Union
Intersection
Complement

Q2. Implement Backpropagation in Python.   **[15 Marks]**

Q3. Viva   **[5 Marks]**

Time: 3 Hours   **Max. Marks:35**

Q1. Build simple Neural network in Python from Keras.   **[15 Marks]**

Q2. Write a program to implement Fuzzy Operations   **[15 Marks]**
     Union
     Intersection
     Complement

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1. Implement Backpropagation in Python.   [15 Marks]

Q2. Write a program to implement Max-Min Composition and Max-Product Composition.

[15 Marks]

Q3. Viva   [5 Marks]

Time: 3   Max.

Q1. Write python program to study and analyze genetic life cycle

[15 Marks]

Q2. Write a program to implement Max-Min Composition and Max-Product Composition.

[15 Marks]

Q3. Viva

[5 Marks]

Time: 3   Max.

Q1. Write a program to implement De Morgan's law   **[15 Marks]**

Q2 Implement Backpropagation in Python.   **[15 Marks]**

Q3. Viva   **[5 Marks]**

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Time: 3   Max.

Q1. Implement Backpropagation in Python.   **[15 Marks]**

Q2 Write a program to implement Fuzzy Operations
    Algebraic sum
    Algebraic product

    Cartesian product   **[15 Marks]**

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1. Write python program to study and analyze genetic life cycle   **[15 Marks]**

Q2. Write a program to implement Max-Min Composition and Max-Product
     Composition.   **[15 Marks]**

Q3. Viva   **[5 Marks]**

Time: 3   Max.

_____

Q 1.   Write python program to create target string, starting from random string using Genetic Algorithm   **[15 Marks]**

Q 2.   Build simple Neural network in Python from Keras.

[15 Marks]

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1 Write a program to implement Fuzzy Operations   **[15 Marks]**
    Algebraic sum
    Algebraic product
    Cartesian product

Q2 Build simple Neural network in Python from Keras.

                                                                              [15 Marks]

Q3.   Viva   **[5 Marks]**

Time: 3   Max.

Q1. Write a program to implement lambda cut   **[15 Marks]**

Q2. Implement Multilayer perceptron algorithm in Python.   **[15 Marks]**

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1.   Write python program to study and analyze genetic life cycle

                                                                                   [15 Marks]

Q2.   Build simple Neural network in Python from Keras.

                                                                                   [15 Marks]

Q3.   Viva   **[5 Marks]**

Time: 3   Max.

Q1. Write python program to create target string, starting from random string using Genetic Algorithm   **[15 Marks]**

Q2. Write a program to implement lambda cut   **[15 Marks]**

Q3.   Viva   **[5 Marks]**

Time: 3   Max.

Q1. Write python program to study and analyze genetic life cycle   **[15 Marks]**

Q2. Write a program to implement Fuzzy Operations
     Algebraic sum
     Algebraic product
     Cartesian product

[15 Marks]

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1. Write a program to implement De Morgan's law   **[15 Marks]**

Q2. Write python program to create target string, starting from random string using
Genetic Algorithm   **[15 Marks]**

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1. Write a program to implement Fuzzy Operations   **[15 Marks]**
    Union
    Intersection
    Complement

Q2 Implement deep learning using Python.

[15 Marks]

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1. Build simple Neural network in Python from scratch.   **[15 Marks]**

Q2. Write a program to implement De Morgan's law   **[15 Marks]**

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1. Build simple Neural network in Python from scratch.   **[15 Marks]**

Q2. Write a program to implement Fuzzy Operations
       Algebraic sum
       Algebraic product
       Cartesian product   **[15 Marks]**

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1. Write python program to create target string, starting from random string using Genetic Algorithm

[15 Marks]

Q2. Write a program to implement De Morgan's law   [15 Marks]

Q3. Viva   [5 Marks]

Time: 3   Max.

Q1. Build simple Neural network in Python from scratch.   **[15 Marks]**

Q2. Write a program to implement De Morgan's law   **[15 Marks]**

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1. Implement deep learning un Python.   **[15 Marks]**

Q2. Write python program to Implement travelling salesman problem using genetic
    algorithm   **[15 Marks]**

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1. Write python program to create target string, starting from random string using Genetic   Algorithm

[15 Marks]

Q2. Write a program to implement De Morgan's law   **[15 Marks]**

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1. Write python program to Implement travelling salesman problem using genetic
   algorithm   **[15 Marks]**

Q2. Implement deep learning un Python.   **[15 Marks]**

Q3. Viva   **[5 Marks]**

Time: 3   Max.

Q1.   Write a program to implement lambda cut   **[15 Marks]**

Q2. Write python program to create target string, starting from random string using
Genetic Algorithm   **[15 Marks]**

Q3. Viva.   **[5 Marks]**

Time: 3   Max.

Q1. Write python program to Implement travelling salesman problem using
genetic algorithm

[15 Marks]

Q2. Write a program to implement lambda cut   **[15 Marks]**

Q3. Viva.   **[5 Marks]**

Time: 3   Max.

Q1. Write a program to implement Fuzzy Operations   **[15 Marks]**
    Union
    Intersection
    Complement

Q2. Write python program to Implement travelling salesman problem using genetic

algorithm

[15 Marks]

Q3. Viva   **[5 Marks]**