



## ELR Test Student Management

E Learning / ELR Test Student List



/ ELR Test Student Details

### Test Details

#### 1. SVMs are being used in the field of

- ☒ bio informatics
- ☐ physics
- ☐ data structure
- ☐ operating system

#### 2. Guiding principle of soft computing is to exploit

- ☐ tolerance for imprecision
- ☐ tolerance for partial truth
- ☐ tolerance for uncertainty
- ☒ all the above

#### 3. Robustness means \_\_\_\_\_

- ☐ low-cost solution
- ☐ handled easily
- ☐ imprecision
- ☒ ability to resist disorder

#### 4. which of the following is not a characteristic of evolutionary algorithms?



☒ Artificial selection

☐ Parallelism

☐ Broad applicability

**5. A  $t$ - norm for fuzzy sets does not satisfy**

☐ monotonicity

☐ commutativity

☐ associativity

☒ none of the above

**6.**

**Which of the following is a set?**

☒ Collection of some days in a week

☐ Collection of all states of India

☐ Set of all sets

☐ Collection of most members of Parliament

**7. The Law of excluded middle states that for any set  $A$  over a universal set  $X$ ,**

☒  $A \cap \bar{A} = \emptyset$

☐  $A \cap \emptyset = \emptyset$

☐  $A \cap \bar{A} = X$

☐  $A \cap A = A$



☐ Temperature

☐ Chromosomes

☒ Velocity

☐ Weight

**9. Decision making is a phenomenon which occurs in the field of**

☐ Management

☐ Computer Science

☐ Day-to-day life

☒ All the above

**10.**

**The global best solution can be obtained by**

☐ pbest

☒ gbest

☐ lbest

☐ fbest

Marks: 9.00