



Aravindh U

Home

Forums

Projects

Profile

Exclusive Jobs

Tickets

Mentoring Session

Certificates

Billing

Software License

# Week 2 MCQ

- Rules
- Grading\_policy
- Your\_Grades

## # Attempt 1

You scored **12/12** in this challenge. Please see the below table for details

1			12 / 12

### #Question1

A \_\_\_\_\_ is an ordered collection of objects.

#### Correct Answers

✔Set

#### Your Answers

✔Set

### #Question2

The set O of odd positive integers less than 10 can be expressed by \_\_\_\_\_

#### Correct Answers

✔{1, 3, 5, 7, 9}

#### Your Answers

✔{1, 3, 5, 7, 9}

### #Question3

What is the Cartesian product of  $A = \{1, 2\}$  and  $B = \{a, b\}$ ?

#### Correct Answers

✔{(1, a), (2, a), (1, b), (2, b)}

#### Your Answers

✔{(1, a), (2, a), (1, b), (2, b)}

### #Question4

The set  $A = \{x, x \in \mathbb{N}, \text{ and } x^2 - 3x + 2 = 0\}$  is

#### Correct Answers

✔Finite set

#### Your Answers

✔Finite set

### #Question5

The set  $A = \{x, x \in \mathbb{R}, \text{ and } x^2 = 9, 2x = 4\}$  is

#### Correct Answers

✔None of these

#### Your Answers

✔None of these

### #Question6

Let  $A = \{x: x \text{ is a letter in the word FOLLOW}\}$ ,  $B = \{y: y \text{ is a letter in the word WOLF}\}$

#### Correct Answers

✔A=B

#### Your Answers

✔A=B

### #Question7

The members of the set  $S = \{x \mid x \text{ is the square of an integer and } x < 100\}$  is \_\_\_\_\_

#### Correct Answers

✔{0, 1, 4, 9, 16, 25, 36, 49, 64, 81}

#### Your Answers

✔{0, 1, 4, 9, 16, 25, 36, 49, 64, 81}

### #Question8

Which set is the subsets of all given sets

#### Correct Answers

✔ $\Phi$

#### Your Answers

✔ $\Phi$

### #Question9

The smallest set A such that  $A \cup \{4,5\} = \{1,2,3,4,5\}$  is

#### Correct Answers

✔{1,2,3}

#### Your Answers



## Refer your friends & Earn Rs. 15,000

Help your friends kick-start their careers with Skill-Lync! Earn Rs. 15000 & laptops today.

[Refer now](#) →

### Support

Create a Ticket

Request for Mentoring Session

### Useful Links

- [Go to Dashboard](#)
- [Access your Projects](#)

### Your groups

- [core and advanced python programming](#)
- [Data Visualization using Excel](#)
- [Machine learning fundamentals in depth](#)
- [Introduction to Machine learning and their implementation in python](#)
- [SQL for Data Science](#)

[See all](#)

### Your Status

You have scored 29509 points. Keep gc



✓{1.2.3}

#Question10

The sets A& B have 5 & 9 elements respectively, such that A is proper subset B , then the total number of elements  $A \cup B$  are

Correct Answers

✓9

Your Answers

✓9

#Question11

A set has n elements , then the total number of proper subsets are

Correct Answers

✓ $2^n - 1$

Your Answers

✓ $2^n - 1$

#Question12

If A & B are two sets such that  $n(A) = 15$ ,  $n(B) = 21$ , &  $n(A \cup B) = 36$  then  $n(A \cap B)$  equal to

Correct Answers

✓0

Your Answers

✓0

