

Surprise Test - 1

Subject: Core Flutter

Topics: Chapter 1,2

Date: 04/01/2024

Time: 1.5 hours

1. Write the full form of following words: [03]
 - SDK, ENV, IDE
2. Explain the history of flutter & dart. [04]
3. Explain the null operators of dart with examples. [03]
4. Which are the primitive data types in dart? Explain with examples. [03]
5. Which are the collection data types in dart? Explain with examples. [03]
6. List out the List constructors with examples. [04]
7. What is a fixed length List? How to create it? Give a practical example. [04]
8. Differentiate the following terms: [06]
 - var & dynamic
 - const & final
 - list methods & list constructors
9. How to take user input in dart? Explain with various data types. [03]
10. How to create a unique list from duplicate elements. [02]
11. Differentiate the forEach and map methods with syntax and example. [03]
12. WAP to create N number of list and store it into another list by calculating the cube of each element. [04]
13. WAP to create N number of List of Map which contains the student data, id, name and per. Now calculate the overall percentage from each element and print the class's average percentage. [08]