S-ITWB415 BIT44 INTERNET LANGUAGES AND TOOLS 2 LEC 1st Sem (2024-2025)

Midterm Summative Assessment 1

End of quiz

You are at the end; press Finished to complete and grade the quiz.
You can review your answers below and click Edit if you want to change any.

Finished

Question 1

Which of the following statements about constructors in Dart is true?

Response: Named constructors allow you to define multiple constructors for a class, each with a different name.

Question 2

Operand represents the data

Response: True

Question 3

Which of the following options correctly represents a Dart class?

Response: class Animal { String name; void communicate() { print('Roar'); } }

Question 4

Which of the following statements about Dart constructors is true?

Response: Named constructors provide a way to create multiple constructors for a class, each potentially with different initialization logic.

Question 5

Which of the following statements about Dart functions is true?

Response: A Dart function can improve code reusability by replacing repetitive code.

Question 6

List<int> myList = [1, 2, 3, 4, 5];

Response: myList is a growable list

Question 7

Which of the following are the required arguments in replaceRange ?

Response: start, end, items

Question 8

Which of the following statements about constructors in Dart is true?

Response: A class can have both a default constructor and multiple parameterized constructors.

Question 9

In object-oriented programming, a class is a blueprint for creating objects that defines both the properties and methods, including fields, getters, setters, constructors, and functions.

Response: True

Question 10

Which of the following statements about constructors in Dart is false?

Response: Parameterized constructors can only take a fixed number of parameters and cannot be overloaded.

Question 11

Dart programming support type inference.

Response: True

Question 12

Operand represents the process to produce a value.

Response: False

Question 13

Which of the following statements are true about map? Choose 3

Response: The key must be unique and cannot be repeated

Response: The values can be repeated

Response: A map value can be any object including NULL

Question 14

negation reverse the sign of the expression.

Response: True

Question 15

Dart is an open-source general-purpose programming language.

Response: True

Question 16

An expression is a special kind of statement that evaluates to a value.

Response: True

Question 17

Given the following statements, identify the result of the following code:void main() {
var info = {'name':'tom',' age':'20'};
print(info);
print(info.keys);
print(info.values); }

Response: print(info); => {'name':'tom',' age':'20'}

Response: print(info.keys); => (name, age}

Response: print(info.values); => (tom ,20)

Question 18

A class in object-oriented programming serves as a blueprint for creating objects but does not include methods or functions related to the object's properties.

Response: False

Question 19

In Dart, you declare a class using the class keyword followed by the class name in PascalCase and squarer braces [ ] such as class Employee [[]].

Response: False

Question 20

Which of the following options correctly represents a Dart function?

Response: void printMessage() { print('Hello, Dart!'); }

Question 21

Choose 3 statements that are true about list?

Response: List is an ordered collection which maintains the insertion order of the items., Items are stored starting at 0.

Response: Dart List allows duplicates and null values..

Response: While an operation on the list is being performed, modifying the list's length (adding or removing items) will break the operation

Question 22

Production mode is a developer-friendly mode that helps you catch some type errors during runtime

Response: False

Question 23

Which of the following options correctly represents a Dart constructor?

Response: class Person { String name; Person(String name) { this.name = name; } }

Question 24

dynamic value = 4.00 is acceptable in Dart programming

Response: True

Question 25

Which of the following are the parameters needed in addAll functions?

Response: key , value , other

Question 26

Which of the following statements about Dart constructors is false?

Response: Parameterized constructors can only accept parameters of one specific type.

Question 27

Which of the following statements about constructors in Dart is false?

Response: Named constructors allow you to have multiple constructors for a class, but they cannot accept parameters.

Question 28

Dart is a dynamically typed language.

Response: False

Question 29

var name = 'Gabby' is an example of type inference

Response: True

Question 30

String name = 'Verna'; is an example of statically type declaration.

Response: True

Question 31

When declaring a class in Dart, it is acceptable to use lowercase letters for the class name, as the naming convention does not require PascalCase.

Response: False

Question 32

Dart supports top-level functions

Response: True

Question 33

Dart was founded by Lars Bak and Casper.

Response: False

Question 34

Every object is an instance of a class.

Response: True

Question 35

Dart support arrays.

Response: False

Question 36

Which of the following describes dart? Choose 3.

Response: It is originally developed by Google.

Response: It is an object-oriented language

Response: Primarily used for building websites, servers, and mobile apps

Question 37

Which of the following best describes the purpose of functions in Dart?

Response: Functions help divide complex programs into smaller, manageable parts

Question 38

Identify the following :details['role'] = 'Admin'

Response: map name => details

Response: key => role

Response: value => Admin

Question 39

Which of the following statements is FALSE about flutter?

Response: It is a high level interpreted programming language.

Question 40

Spaces are ignored by Dart compiler

Response: True