

[Home](#)

S-ITWB415 BIT43 INTERNET LANGUAGES AND TOOLS 2 LEC 1st Sem (2024-2025)

Summative Assessment: Midterm Lec Exam

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 are true about String . Check all that applies.

Response: String values are embedded in either single or double quotes.

Response: A Dart string is a sequence of UTF-16 code units.

Question 2

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

Response: key , value , other

Question 3

Which of the following statements are correct?

Response: Returns an iterable object containing the lists values in the reverse order. . list.reversed ;

Response: Returns the size of the list. list.length ;

Response: add elements list.add(10);

Question 4

```
var mylist = new list[1,2,3,4,5];
```

Response: mylist is a growable list

Question 5

The user interface components used to create the user interface of the application.

Response: widget

Question 6

What is the output of the following code? `var x =4, y=3 , z=2; if((x+y/z) >= ((x+y)/z)) print(x+y/z); else print ((x+y)/z);`

Response: 5.5

Question 7

Which of the following statements are true about list ? Choose 3.

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 8

Which of the following are the features of flutter? Check all that applies.

Response: Runs same UI for multiple platforms.

Response: framework to create mobile applications

Response: Beautiful and fluid user interfaces.

Question 9

Identify the following

Response: integer division => ~/

Response: logical Or => ||

Response: relational Operator => !=

Response: assignment operator => *=

Response: Doc Comment => ///

Question 10

List l = [1, 2, 3,4,5,6,7,8,9]; print('The value of list before removing the list element \${1}'); dynamic res = l.removeAt(3); Which of the following will be result of new list?

Response: 1, 2,3,5,6,7,8,9

Question 11

What is the output of the following code? `var x =4, y=3 , z=2; if((x+y/z) >= ((x+y)/z)) print(x+y/z); else print ((x+y)/z);`

Response: 5.5

Question 12

What is the output of the following statements? `x=3,y=2; print(x~/2);`

Response: 1

Question 13

Which of the following describes dart? Choose 3.

Response: It is originally developed by Google.

Response: It is an object-oriented language with C-style syntax.

Response: It has a transpiler that generates JavaScript equivalent of a Dart Script.

Question 14

Which of the following operators are used for checking types at runtime?

Response: is, is!

Question 15

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 16

Number types could be _____ and _____.

Response: int

Response: double

Question 17

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

Response: `map name => details`

Response: `key => role`

Response: `value => admin`

Question 18

Identify the following :

Response: To perform a block of code only if the condition is true. => if condition

Response: To compute for discount if a criteria is met , otherwise no discount. => if else

Response: if there are multiple conditions. => if else if

Question 19

Which of the following statements are true about map?

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 20

Which of the following describes dynamic? check all that applies.

Response: The dynamic keyword can also be used as a type annotation explicitly.

Response: If the type of a variable is not explicitly specified, the variable's type is dynamic.

Question 21

Identify the following :

Response: `int getSum(int n1, int n2) ;` => function that returns a value and has parameters.

Response: `void display ()`; => function that does not returns a value and has no parameters.

Response: `void greet(String name)`; => function without returns value and has parameters..

Question 22

The function was a piece of reusable code.

Response: True

Question 23

Which of the following are the required arguments n `replaceRange` ?

Response: start, end, items

Question 24

Which of the following statements is false about flutter?

Response: It is a high level interpreted programming language.

Question 25

List l = [1, 2, 3,4,5,6,7,8,9]; print('The value of list before removing the list element \$ {1}'); dynamic res = l.removeAt(3); Which of the following will be result of new list?

Response: 1, 2,3,5,6,7,8,9