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Time taken 22 mins 17 secs

Marks 19.00/19.00

Grade 100.00 out of 100.00

Question 1

Correct

Mark 1.00 out of
1.00

Problem solving is the process of formulating a problem, finding a solution, and expressing the solution.

Select one:

- ☒ True ✓
☐ False

The correct answer is 'True'.

Question 2

Correct

Mark 1.00 out of
1.00

A _____ is an error in a program that makes it impossible to parse.

Select one:

- ☐ a. Runtime Error
☒ b. Syntax Error ✓
☐ c. Semantic Error
☐ d. Bug

The correct answer is: Syntax Error

Question 3

Correct

Mark 1.00 out of
1.00

script

✓ Is a program stored in a file (usually one that will be interpreted).

The correct answer is: Script

Question **4**

Correct

Mark 1.00 out of 1.00

Source code is a program in a high-level language before being compiled.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question **5**

Correct

Mark 1.00 out of 1.00

_____ is a special kind of object code used for Java programs. Byte code is similar to a low-level language, but it is portable like a high-level language.

Select one:

- ☐ a. Statment
- ☐ b. Class
- ☒ c. Byte code ✓
- ☐ d. method

The correct answer is: Byte code

Question **6**

Correct

Mark 1.00 out of 1.00

_____ is a sequence of characters; the primary data type for text.

Select one:

- ☒ a. String ✓
- ☐ b. text
- ☐ c. char
- ☐ d. class

The correct answer is: String

Question 7

Correct

Mark 1.00 out of 1.00

An **Exception** is a type of error that is detected while the program is running.

An **Exception** is a type of error that is detected while the program is running

The correct answer is: Exception

Question 8

Correct

Mark 1.00 out of 1.00

Match each word with its corresponding definition .

A set of instructions that specifies a computation

Program ▼

A way of using the Python interpreter by typing commands and expressions at the prompt.

Interactive mode ▼

A way of using the Python interpreter to read and execute statements in a script.

Script mode ▼

Semantics

The meaning of a program. ▼

Algorithm

A general process for solving a category of problems. ▼

An instruction that causes the Python interpreter to display a value on the screen.

Print statement ▼

The correct answer is: A set of instructions that specifies a computation – Program, A way of using the Python interpreter by typing commands and expressions at the prompt. – Interactive mode, A way of using the Python interpreter to read and execute statements in a script. – Script mode, Semantics – The meaning of a program., Algorithm – A general process for solving a category of problems., An instruction that causes the Python interpreter to display a value on the screen. – Print statement

Question **9**

Correct

Mark 1.00 out of 1.00

A Semantic error is an error in a program that makes it do something other than what the programmer intended.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question **10**

Correct

Mark 1.00 out of 1.00

✓ is the structure of a program.

The correct answer is: Syntax

Question **11**

Correct

Mark 1.00 out of 1.00

A ✓ is know as an error in a program.

The correct answer is: Bug

Question **12**

Correct

Mark 1.00 out of 1.00

Java can run on any device as long as it has an interpreter

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question **13**

Correct

Mark 1.00 out of 1.00

What option below indicates that an interpreter is ready to take input from the user.

Select one:

- ☒ a. Prompt ✓
- ☐ b. Exception
- ☐ c. Executable
- ☐ d. Program

The correct answer is: Prompt

Question **14**

Correct

Mark 1.00 out of 1.00

_____ is a programming language that is designed to be easy for humans to read and write.

Select one:

- ☐ a. Java
- ☐ b. Byte Coad
- ☒ c. High-level language ✓
- ☐ d. Low-Level Language

The correct answer is: High-level language

Question **15**

Correct

Mark 1.00 out of 1.00

Portability

✓ is know as the property of a program that can run on more than one kind of computer.

Portability

The correct answer is: Portability

Question **16**

Correct

Mark 1.00 out of 1.00

Parse means to examine a program and analyze the syntactic structure.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question **17**

Correct

Mark 1.00 out of 1.00

An **Interpreter** executes a program in a high-level language by translating it one line at a time.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question **18**

Correct

Mark 1.00 out of 1.00

The process of finding and removing any kinds of programming errors is known as:

Select one:

- ☐ a. Parseing
- ☒ b. Debugging ✓
- ☐ c. Scripting
- ☐ d. Programing

The correct answer is: Debugging

Question **19**

Correct

Mark 1.00 out of
1.00

What kind of programming language is designed to be easy for a computer to execute; also called "machine language" or "assembly language."

Select one:

- ☐ a. Advance Programming Interface
- ☐ b. Deus Ex Machina
- ☐ c. High-level language
- ☒ d. Low-level language ✓

The correct answer is: Low-level language