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**Time taken** 30 mins 26 secs

**Marks** 11.00/19.00

**Grade** 57.89 out of 100.00

**Question 1**

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 2**

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

The correct answer is: Byte code

**Question 3**

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 **4**

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 **5**

Incorrect

Mark 0.00 out of 1.00

An **run-time error** ✗ 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 **6**

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 **7**

Incorrect

Mark 0.00 out of 1.00

**portable** ✗ 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 **8**

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. Low-level language ✓
- ☐ c. Deus Ex Machina
- ☐ d. High-level language

The correct answer is: Low-level language

Question **9**

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

The correct answer is: High-level language

Question **10**

Correct

Mark 1.00 out of 1.00

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

Select one:

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

The correct answer is: Syntax Error

Question **11**

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. Scripting
- ☐ c. Programing
- ☒ d. Debugging ✓

The correct answer is: Debugging

Question **12**

Correct

Mark 1.00 out of 1.00

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

Select one:

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

The correct answer is: String

Question **13**

Incorrect

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. Exception
- ☐ b. Prompt
- ☒ c. Executable ✗
- ☐ d. Program

The correct answer is: Prompt

Question **14**

Incorrect

Mark 0.00 out of  
1.00

A   is know as an error in a program.

The correct answer is: Bug


Question **15**

Incorrect

Mark 0.00 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 **16**

Correct

Mark 1.00 out of  
1.00

 is the structure of a program.

The correct answer is: Syntax

**Question 17**

Correct

Mark 1.00 out of 1.00

Match each word with its corresponding definition .

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

Interactive 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 ▼

A set of instructions that specifies a computation

Program ▼

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

Script mode ▼

The correct answer is: A way of using the Python interpreter by typing commands and expressions at the prompt. – Interactive 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, A set of instructions that specifies a computation – Program, A way of using the Python interpreter to read and execute statements in a script. – Script mode

**Question 18**

Not answered

Marked 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 **19**

Not answered

Marked 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'.