SASKATCHEWAN COMPUTER SCIENCE 30 · UNIT C · 25 QUESTIONS

Libraries and APIs — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A collection of ready made code for use in programs is called**

- A library
- B import
- C function call
- D documentation

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2 **An API lets programs**

- A share hardware only
- B communicate using agreed rules
- C run without code
- D delete data

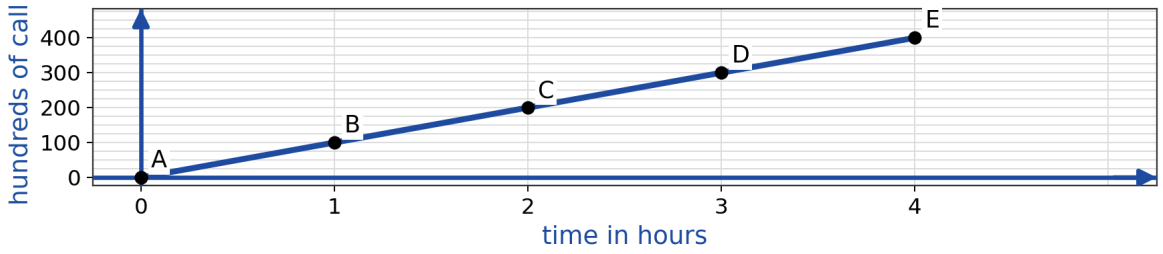
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3 **A file of 12 bytes contains this many bits ____**

ANSWER _____

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4 **The graph shows API calls over time. The calls at hour 3, in hundreds, is ____**



ANSWER _____

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5 **A set of rules for how programs talk to each other is called**

A function call

B documentation

C API

D version

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6 **Importing a library lets a program**

- A write its own hardware
- B run offline always
- C avoid all testing
- D use ready made code

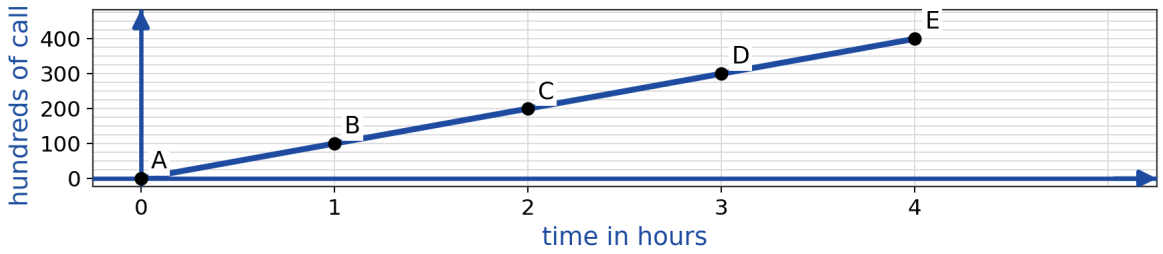
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7 **A file of 24 bytes contains this many bits ____**

ANSWER _____

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8 **The graph shows API calls rising steadily. The trend is**



- **A** increasing
- **B** decreasing
- **C** flat
- **D** random

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9 **Bringing a library into a program is called**

- **A** documentation
- **B** import
- **C** version
- **D** dependency

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10 **Documentation is important because it**

A makes code faster

B removes bugs

C explains how to use code

D hides code

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11 **A file of 36 bytes contains this many bits ____**

ANSWER _____

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12 **In a program, the line print('Hello') does what?**

- A Defines a new version
- B Adds a dependency
- C Imports a module
- D Calls a function

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13 **A dependency is**

- A outside code a program relies on
- B a comment
- C a file name
- D a variable only

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14 **A library in programming is a**

A collection of ready made code that programs can use

B a building with books

C a type of variable

D a computer virus

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15 **Written explanation of how code works is called**

A dependency

B documentation

C module

D interface

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16 **Updating a library version can**

A never affect code

B always speed code

C break code that relied on old behaviour

D delete the program

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17 **Using a library function for square root instead of writing your own is good because the library code is**

A tested and ready to use

B always wrong

C slower in every case

D secret and unusable

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18 **A numbered release of software is called**

- A module
- B interface
- C SDK
- D version

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19 **An interface is**

- A how a user or program interacts with software
- B a computer screen only
- C a data file
- D a network cable

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20 **A file of 2 megabytes is about this many kilobytes**

ANSWER _____

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21 **Outside code that a program relies on is called**

A interface

B dependency

C SDK

D library

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22 **Importing a library at the top of a program makes its functions**

A available to use

B deleted

C hidden forever

D run automatically

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23 **A file containing related code is called**

A SDK

B library

C module

D API

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24 **A programmer should check a library documentation to find**

- A what each function does and what it returns
- B the price of the computer
- C the author home address
- D how to delete the program

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25 **The way a user or program interacts with software is called**

- A library
- B API
- C import
- D interface

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ANSWER KEY

1. A
2. B
3. 96
4. 300
5. C
6. D
7. 192
8. A
9. B
10. C
11. 288
12. D
13. A
14. A
15. B
16. C
17. A
18. D
19. A
20. 2048
21. B
22. A
23. C
24. A
25. D

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