BDPA Python Multiple Choice Test

Question	Question
1) What is a variable in terms of Python the programming language?	2) What is a string in terms of Python the programming language?
a) A repeatable series of lines of code that does something.	a) A piece of rope.
b) A place to hold information which could be one of	b) A series of characters which could include a word or sentence or emojis surrounded by quotes "".
several types.	c) A series of numbers one after another with no quotes
c) A note to yourself inside of a file that doesn't affect anything else in the code.	surrounding it.
d) Only a number.	d) A series of letters with no quotes surrounding it.
3) What is an integer in terms of Python the programming	4) What is a float in terms of Python the programming
language? a) A whole number with no decimal place value (example: 10)	language? a) A whole number with no decimal place value (example: 10)
b) A number with a decimal place value (example: 1.12)	b) A number with a decimal place value (example: 1.12)
c) A variable which is either True or False.	c) A variable which is either True or False.
d) A series of pairs of keys and their value that go along with it.	d) A series of pairs of keys and their value that go along with it.
5) What is a boolean in terms of Python the programming	6) What is a dictionary in terms of Python the programming
language? a) A whole number with no decimal place value (example: 10)	language? a) A whole number with no decimal place value (example: 10)
b) A number with a decimal place value (example: 1.12)	b) A number with a decimal place value (example: 1.12)
c) A variable which is either True or False.	c) A variable which is either True or False.
d) A series of pairs of keys and their value that go along with it.	d) A series of pairs of keys and their value that go along with it.
7) What is a list in terms of Python the programming	8) What is a Library in terms of Python the programming
language? a) Code someone else wrote which you reference to give Python extra abilities	language? a) Code someone else wrote which you reference to give Python extra abilities.
b) A place where you can go and checkout programming books.	b) A place where you can go and checkout programming books.
c) A way of storing any type of data in a way that is fast and efficient to access.	c) A way of storing any type of data in a way that is fast and efficient to access.
d) A series of variables separated by commas in between an opening and closing bracket [].	d) A section of code that does something that can be used over and over again.
9) What is a database?	10) What is a function in terms of Python the programming
a) Code someone else wrote which you reference to give Python extra abilities.	language? a) A repeated block of code that will continue until a
b) A section of code that does something that can be used	specific something happens (a condition is met)
over and over again.	b) A section of code that does something that can be used over and over again.
c) A way of storing any type of data in a way that is fast	, and the second
and efficient to access.	c) A way of storing any type of data in a way that is fast and efficient to access.
d) A repeated block of code that will continue until a specific something happens (a condition is met)	d) Code someone else wrote which you reference to give Python extra abilities.

11) What is a while loop in terms of Python the programming language? a) A section of code that does something that can be used over and over again. b) A way of storing any type of data in a way that is fast and efficient to access. c) Code someone else wrote which you reference to give Python extra abilities. d) A repeated block of code that will continue until a specific something happens (a condition is met) 13) What is pseudocode in terms of Python the programming language? a) A section of code that does something that can be used over and over again. b) A way of storing any type of data in a way that is fast and efficient to access. 12) What's wrong with this piece of Python code given the error? Python: print("Hello, Worrld!" File ""/test.py", line 1 print("Hello Worrld!" SyntaxError: '(' was never closed a) The word "World" is misspelled and this is causing the error. b) A print statement can only print out numbers, not letters. c) There is a missing import at the beginning of the file. d) There is a missing closing parenthesis ")" at the end and this is causing the error. 13) What is pseudocode in terms of Python the programming language? a) A section of code that does something that can be used over and over again. b) Code that will not do anything other than describe what a program or a part of a program will do. c) A repeated block of code that will continue until a specific something happens (a condition is met) d) A way of storing any type of data in a way that is fast and efficient to access.	Question	Question
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10) what is the sampor for materbrication in tachond: 10) must is dictand:	16) What is the symbol for multiplication in Python?	18) What is GitHub?
a) A service where the only thing you do is learn lessons		
b) - on programming.		on programming.
c) *		b) A secial media minute meneralis
d) / b) A social media platform where you message employers and	a) /	
apply to jobs.		appi, 00 1000.
17) What is the symbol for division in Python? (c) A place to post and share videos.	17) What is the symbol for division in Python?	c) A place to post and share videos.
a) +	·	
d) A service that lets you manage your projects, their	b) -	d) A service that lets you manage your projects, their
c) * versions, and collaborate with others on projects.		versions, and collaborate with others on projects.
d) /	d) /	

19) In your own words list three possible uses of generative AI like ChatGPT: