

Some Pandas Question Answer.

Question 1:

What is a correct syntax to create a Pandas Series from a Python list?

- a) `pd.createSeries(mylist)`
- b) `pd.getSeries(mylist)`
- c) `pd.Series(mylist)`    answer

Question 2:

What is a correct syntax to return the first value of a Pandas Series?

- a) `myseries[0]`    answer
- b) `get(myseries, 0)`
- c) `myseries.get(0)`

Question 3:

What is a correct syntax to add the labels "x", "y", and "z" to a Pandas Series?

- a) `pd.Series(mylist, names = ["x", "y", "z"])`
- b) `pd.Series(mylist, index = ["x", "y", "z"])`    answer
- c) `pd.Series(mylist, labels = ["x", "y", "z"])`

Question 4:

What is a correct syntax to create a Pandas DataFrame?

- a) `pd.DataFrame(data)`    answer
- b) `pd.df(data)`
- c) `pd.dataframe(data)`

Question 5:

What is a correct syntax to return the first row in a Pandas DataFrame?

- a) `df.loc[0]`    answer

- b) `df[0]`
- c) `df.get(0)`

Question 6:

What is a correct syntax to return both the first row and the second row in a Pandas DataFrame?

- a) `df.loc[[0, 1]]`    answer
- b) `df.loc[[0-1]]`
- c) `df.[[0-1]]`
- d) `df.[[0, 1]]`

Question 7:

What is the correct Pandas function for loading CSV files into a DataFrame?

- a) `read_csv()`    answer
- b) `ReadCSV()`
- c) `ReadFile()`
- d) `read_file()`

Question 8:

What is a correct syntax to return the first 20 rows of a DataFrame?

- a) `df.head(20)`    answer
- b) `df.start(20)`
- c) `df.row(20)`
- d) `df.top(20)`

Question 9:

What is a correct syntax to return the entire DataFrame

- a) `df.Full()`
- b) `df.print_full()`
- c) `df.dump()`

d) `df.to_string()` answer

Question 10:

What is the correct Pandas function for loading JSON files into a DataFrame?

- a) `read_json()` answer
- b) `ReadJSON()`
- c) `ReadFile()`
- d) `read_file()`

Question 11:

What is a correct syntax to load a Python Dictionary called "data" into a Pandas DataFrame?

- a) `pd.DataFrame(data)` answer
- b) `pd.ReadJSON(data)`
- c) `pd.load_json(data)`

Question 12:

What does the Pandas `head()` method do?

- a) Returns the headers and the specified number of rows, starting from the top.  
answer
- b) Returns the specified number of rows, starting from the top
- c) Returns the headers

Question 13:

For the Pandas `head()` method, how many rows are returned by default, if you do not specify it?

- a) 5 answer
- b) 10
- c) All

Question 14:

What is a correct Pandas method for returning the last rows?

- a) `tail()`    answer
- b) `back()`
- c) `last()`
- d) `foot()`

Question 15:

What is a correct Pandas method for removing rows that contains empty cells?

- a) `dropna()`    answer
- b) `delete_null`
- c) `remove_null()`

Question 16:

True or false: by default, the Pandas `dropna()` method returns a new DataFrame, and will not change the original.

- a) True    answer
- b) False

Question 17:

What is a correct method to fill empty cells with a new value?

- a) `fillna()`    answer
- b) `replacena()`
- c) `insertna()`
- d) `value_null()`

Question 18:

When using the Pandas `dropna()` method, what argument allows you to change the original DataFrame instead of returning a new one?

- a) `dropna(inplace = True)`    answer
- b) `dropna(original = True)`
- c) `dropna(keep = True)`

Question 19:

Mean, Median, Mode. Which one returns the value in the middle?

- a) `median()`    answer
- b) `mean()`
- c) `mode()`

Question 20:

Mean, Median, Mode. Which one returns the value that appears most frequently?

- a) `mode()`    answer
- b) `median()`
- c) `mean()`

Question 21:

Mean, Median, Mode. Which one returns the average value?

- a) `mean()`    answer
- b) `mode()`
- c) `median()`

Question 22:

What is a correct method to remove duplicates from a Pandas DataFrame?

- a) `df.delete_duplicates()`
- b) `df.drop_duplicates()`    answer
- c) `df.duplicates()`
- d) `df.remove_duplicates()`

Question 23:

What is a correct method to discover if a row is a duplicate?

- a) `df.duplicated()` answer
- b) `df.duplicate()`
- c) `df.dup()`

Question 24:

What is a correct method to find relationships between column in a DataFrame?

- a) `df.correlation()`
- b) `df.rel()`
- c) `df.relation()`
- d) `df.corr()` answer

Question 25:

What is a correct method to plot (draw) diagrams from the data in a DataFrame?

- a) `df.plot()` answer
- b) `df.print()`
- c) `df.draw()`

**Source:-** <https://www.w3schools.com/quiztest/quiztest.asp?qtest=PANDAS>