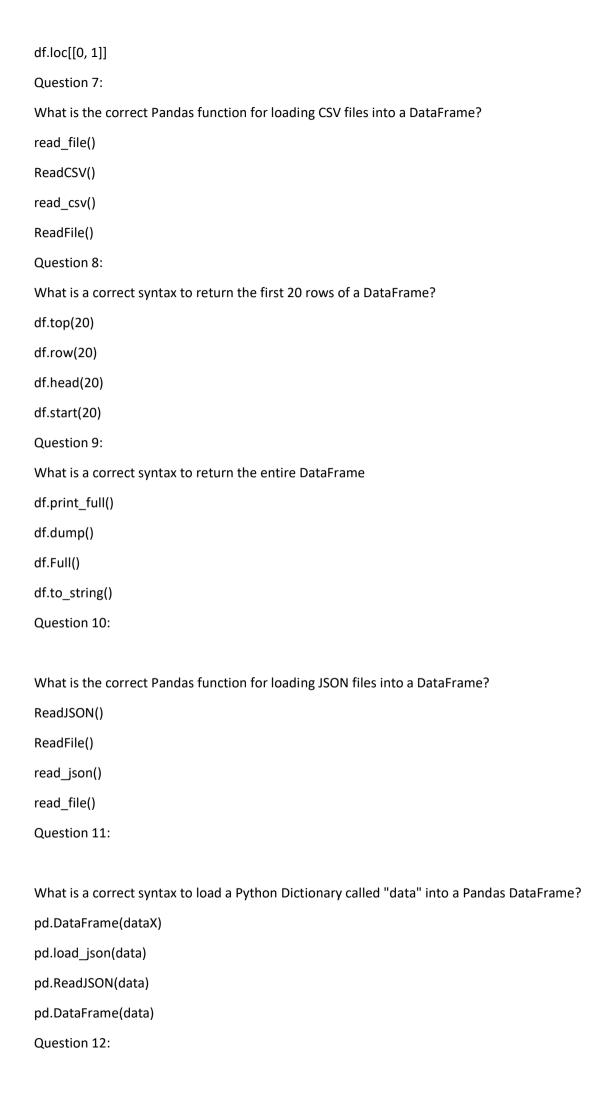Pandas-MCQ

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)

d.pd.gSeries(mylist)

Question 2:

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

myseries[10]

get(myseries, 0)

myseries[0]

myseries.get(0)

Question 3:

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

pd.Series(mylist, index = ["x", "y", "z"])

pd.Series(mylist, lables = ["x", "y", "z"])

pd.Series(mylist, names = ["x", "y", "z"])

pd.Series(mylist, Lindex = ["a", "y", "z"])

Question 4:

What is a correct syntax to create a Pandas DataFrame?

pd.df(data)

pd.DataFrame(data)

pd.dataframe(data)

Question 5:

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

df.loc[0]

df.get(0)

df[0]

Question 6:

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

df.[[0, 1]]

df.loc[[0-1]]

df.[[0-1]]

df.loc[[0, 1]]

Question 7:

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

read_file()

ReadCSV()

read_csv()

ReadFile()

Question 8:

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

df.top(20)

df.row(20)

df.head(20)

df.start(20)

Question 9:

What is a correct syntax to return the entire DataFrame

df.print_full()

df.dump()

df.Full()

df.to_string()

Question 10:

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

ReadJSON()

ReadFile()

read_json()

read_file()

Question 11:

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

pd.DataFrame(dataX)

pd.load_json(data)

pd.ReadJSON(data)

pd.DataFrame(data)

Question 12:

What does the Pandas head() method do?

Returns the specified number of rows, starting from the top

Returns the headers

Returns the headers and the specified number of rows, starting from the top   Correct answer

Question 13:

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

8

5

10

All

Question 14:

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

tail()

back()

foot()

last()

Question 15:

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

dropnull()

remove_null()

delete_null

dropna()

Question 16:

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

True

False

Question 17:

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

fillna()

replacena()

insertna()

value_null()

Question 18:

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

dropnun()

dropna(inplace = True)

dropna(keep = True)

dropna(original = True)

Question 19:

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

median()

mode()

mean()

Question 20:

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

mode()

median()

mean()

Question 21:

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

mean()

mode()

median()

Question 22:

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

df.drop_duplicates()

df.duplicates()

df.delete_duplicates()

df.remove_duplicates()

Question 23:

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

df.duplicate()

df.dup()

df.duplicated()

Question 24:

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

df.correlation()

df.relation()

df.corr()

df.rel()

Question 25:

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

df.plot()

df.print()

df.draw()