**PYTHON – WORKSHEET 9 (PANDAS)**

1. Which among the following options can be used to create a DataFrame in Pandas?

Answer: A) An ndarray B) a python dictionary

2. A series is a one-dimensional array which is labelled and can hold any data type.

Answer: b) False

3. Which of the following operation works with the same syntax as the analogous dictionary operations?

Answer: D) All of the above

4. pandas.NA = = pandas.NA, will give which of the following result?

Answer: B) True

5. A panel is a \_\_\_\_\_\_ container of data in pandas?

Answer: C) 3 dimensional

6. What will be the output of the following lines of code?

import pandas as pd

import numpy as np

s = pd.Series(np.random.randn(4))

print(s.ndim)

Answer: D) 1

7. Which of the following indexing capabilities is used as a concise means of selecting data from a pandas object??

Answer: C) ix

8. All pandas data structures are \_\_\_ mutable but not always \_\_\_\_\_\_\_mutable

Answer: B) value, size

9. Select the correct statements from the following.

Answer:

B) Series can be passed into most NumPy methods expecting an ndarray.

C) A key difference between Series and ndarray is that operations between Series automatically align the data

based on label

D) In pandas, Index values must be unique

10. Which of the following file formats are allowed for input output in pandas?

Answer: A) JSON C) CSV D) TXT