

- Q.4 Is Python code compiled or interpreted? (CO1)
- Python code is neither compiled nor interpreted
 - Python code is compiled
 - Python code is both compiled and interpreted
 - Python code is interpreted
- Q.5 Which of the following approach should be used if you can't fix the variable? (CO3)
- Randomize it
 - Generalize it
 - non stratify it
 - Dictionary
- Q.6 In Python, what is the main purpose of the "Groupby" operation in Pandas? (CO3)
- Sorting data
 - Filtering data
 - Reshaping data
 - Grouping and aggregating data

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 A column is a _____ representation of data. (CO3)
- Q.8 Which character is used for searching at the end of string? (CO1)

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- Q.9 How many types we can define scope of a variable (CO1)
- Q.10 Which command is used to delete the list elements? (CO1)
- Q.11 Data Frame is a container for data Frame objects (T/F) (CO4)
- Q.12 Which character is used to give multiline comments in Python? (CO1)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 What is the difference between local and global variables in Python? (CO2)
- Q.14 What do you mean by dictionary in Python. Explain with an example. (CO1)
- Q.15 How do you access the columns in data frame? (CO3)
- Q.16 What is type conversion in Python? (CO2)
- Q.17 Give a brief description of time series in Panda? (CO3)
- Q.18 Write the advantages of Python? (CO1)
- Q.19 What is the use of Panda in data science? (CO4)
- Q.20 What is object and how it is created in python? (CO1)

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