

TELANGANA UNIVERSITY
S.S.R. DEGREE COLLEGE, NIZAMABAD (C.C:5029)
III SEMESTER INTERNAL ASSESSMENT II EXAMINATIONS
DATA SCIENCE (DEP) QUESTION BANK

I .Answer the following multiple choice questions

- 1) Which of the following object you get after reading CSV file? []
A) Dataframe B) Character Vector C) panel. D) all
- 2) which of the following Library is similar to pandas []
A) Numphy. B) RPy. C) OutPv. D) none.
- 3) important datastructure of pandas is /are . []
A) series B) Dataframe C) Both. D) None.
- 4) A _____ is a two-dimensional labelled data structure. []
A) series B) Dataframe C) Both. D) None.
- 5) A domain is atomic if elements of the domain are considered to be _____ units. []
a) Different b) Indivisible c) Constant d) Divisible
- 6) How you can find the type of Numpy array in python . []
a) dtype b) type c) typei d) itype
- 7) _____ distributes different data across multiple servers.? []
a) Sharding b) Bucketing c) Partitioning d) None of the above.
- 8) Th.e key-value pair data storages include all, except _____ []
a) in-memory. b) Network Attached Storage c) Disk Storage d) Cache storage
- 9) JSON documents are built up of _____ []
a) arrays b) objects c) all. d) values
- 10) Graph databases are generally built for use with _____ []
a) Transaction b) Commit c) Rollback d) Flashback

II. Answer the following Fill in the blanks

- 11) Numphy stands for _____
- 12) _____ package can be imported in place of mysql-connector..
- 13) arithmetic operators on arrays apply _____ wise.
- 14) In HDFS the files can't be _____

15) Hadoop is a framework that works with a variety of related tools _____

16) _____ is a columnar database that runs on a Hadoop cluster.

17) one dimensional arrays are then printed as _____

18) Pandas was developed by _____

19) _____ in key-value databases are similar to 'Table's' in RDBMS.

20) By default plot() function plots a _____

III Answer the following questions

- 1) What is Numpy?
- 2) What is the use of Mysql-connector..
- 3) What is dataframe?
- 4) What is Hadoop?
- 5) What is the use of pandas?