Genpect :

1. Explain about your project?
2. What are your roles and responsibilities?
3. **How data can be fetched from file and insert into another database. The database data format is json**
4. What type of operation did you implement in your application
5. What type of import / modules used from rest_framewrok to develop your application
6. How difficult to upgrade your project from 2.x to 3.x
7. How can you get csv file data to the program

HCL:

1. Rate yourself about python and django out of 5
2. Write syntax for file?
3. How file can be saved and delete in python?
4. If without mention any file mode what we can do ?
5. How we can add the data at the end of the previous data?
6. In file I'm fetching data if there is known data what type error will occur?
7. How can you get the child class properties from parent class?
8. What is property () object?
9. What is Polymorphism?
10. If there is two methods with the same name but different parameters which method will be executed first?(How can I call the first method() because I have different parameters are there in my first method?)
11. what is the use of *args and **kwargs?
12. What is anonymous function?
13. How can you protect variable and how you can access that variable outside of the class?
14. What is serialization?
15. Have you used json module in python?
16. What type of data stored in *args ?
17. What is pickling and unpicking?
18. How can you clear the data in list ?
19. l=[abcd, ab, bc, abc]
    for x in l:
       If len(l)>3:
          i.insert(0, i)
    print(l)
20. How can you get the dictionary keys, if there is no key I don't want to show any default error, I want to show particular message
21. Write syntax to connect mysql database ?
22. What is f-set, f-get, f-del and f-doc ?
23. What is MVT ?

24. Different between django and flask?

DataMatrix :

1. Introduce yourself and tell me about project?
2. What type of libraries is used in your project?
3. What is lambda function?
4. Explain about filter (), reduce (), map () and zip () with an example?
5. What is anagram?
6. In file I want to know the count of words?
7. In your project where your used multithreading?
8. Explain Fundamental data types and collection data types?
9. What is a list comprehension and which is faster to compare for loop?
10. What is Recursive function()?
11. Differnce between cls and self ?

Capgemini:

1. Tell me about yourself?
2. Explain about your project?
3. What are tools you used in your project ?
4. What modules or libraries you used in your project ?
5. What id pep-8?
6. Explain about pylint tool?
7. List and tuple difference?
8. Shallow copy and deepcopy ?
9. What are the roles and responsibilities?
10. Have you worked on AWS, at least knowledge?
11. What is git and SVN?
12. Inheritance types?
13. Difference between Hybrid and Hierarchical?
14. I have 10000 records in file how can you delete duplicate records?
15. What is Closures and have used in your project?
16. Staticmethod, classmethod, cls and self

Pwc:

1. Difference between module and package?
2. What is Closures?
3. Explain about Decorator? And Have you used decorators in your project ?
4. What is iterator?
5. Have you used swap?, why it is easy in python ?
6. How you can get second max value in list ?
7. What type of status codes you know?

Nokia:

1. Explain about project, what is your role and responsibilities ?
2. List1=[1,2,3,4], list2=[2,3,4,5,6,7] find common elements ?
3. Write a program for password strength with conditions those are max length > 8, use capital letter, upper case and lower case, at least one integer, at least one special character?
4. X='ab12c3d' find list = [123]
5. Max number in list[1,2,3,8,5,6,7,'a'] without using inbuilt methods?
6. How you get dictionary elements in reverse order
7. Difference between git pull and git checkout
8. What is your branch name?
9. How to delete duplicate values in dictionaries?

NetApp:

1. Deep copy and shallow copy difference?
2. Remove duplicates elements in list?
3. Why lambda function doesn't have any name?
4. What is decorator?
5. Explain about Iterator and generator?
6. What is interpreter?
7. Is, == operator difference?
8. List , set and tuple difference ?
9. Explain about Multithreading process?
10. Why functions are called as first argument in python?
11. Difference between 2.x and 3.x ?

Mphasis :

1. Explain about project and debugging tool?
2. How you test your code? Have you tested your code or not?
3. Explain about Micro services?
4. Threading concepts where you used in your project?
5. What is ORM?
6. What is slug field?
7. Have used many to many fields?
8. What is Decorator and wrapper?
9. Difference between multiprocessor and multithreading?
10. Is Synchronization degrading the performance of the application?

CGI:

1. What is pep 8?
2. Difference between mutable and immutable with an example?
3. Is it possible method overloading in python if yes how if no why?

4. What Is monkey patching?
5. What is django and advantages?
6. What is meta class?
7.   What is synthetic sugar in python?
8. What are the magic methods?
9. How you can access private variable?
10. How sorting algorithms are implemented in python?
11. Sort and sorted difference?
12. What is your day to day activity in your office?
13. Is It possible to down grade python 3.x to 2.x if yes what is the use?
14. What is the use of environment setup?
15. What is the count of modules in your project?
16. How you can push the data into the server/ How to deploy a project?
17. Daily how many tickets will you solve?
18. How do you get requirement?
19. Project structure?
20. Explain some regular using git commends?
21. What are the issues you face while deploy code?
22. What is the difference between python 2 and 3, why after python 2.7 it is named as python 3 why not 2.8?
23. While sending data if internet is gone, how you send data again when internet is working?
24. How you can send user id and product id in API(at api body or url path)
25. API status codes?
26. Difference between soap and rest?
27. Explain about rendering functions?