# **Coding Mart**

1.List=[1,2,3,3,4,5,1,2,3]

Op ={1:2,2;2,3:3,4:1,5:1}

2. What are decorators -okay

3. What is Middleware and few middlewares -okay

4. What are signals -okay

5. Difference between list and immutable -okay

6. Inheritance and multiple inheritance -okay

7. Module -okay

8. Lambda sqrt -wrong

9. X=[‘ab’,’cd’]

Print(list(map(list,x))

10. mysql\_fetch\_array and my\_sql\_fetch\_object -biscuit

11. csrf token?

12. mysql dump load -wrong

13. Json load -wrong

14. Django -ajax -Biscuit

15. what are mixins? -Biscuit

# Covalenseglobal

1. List slicing
2. Generator and iterator
3. Django Libraries
4. Difference between numpy and list (listA+listA And numpyA+numpyA)
5. Multiple and heirarchial inheritance
6. Panda data structures dataframe
7. Django ORM
8. \_\_init\_\_

# Hobasa

1. Difference between list and array
2. Restful api
3. Decorators
4. Polymorphism
5. Range and xrange

# Gridelx

1. Input – aabbcdcceeff output- a2b2c1d1c2e2f2
2. Django multiple servers, how to retrieve data from remote server.Using list of DB’s in settings.py and calling specific db “using db” while calling objects.
3. Sql statement
4. Django authorization decorator
5. Authorization tokens
6. Version control of records in sql.

# DOODLEBLUE

1. Difference between values and value\_list in django
2. API Testing/Django
3. Select related
4. Prefetch related
5. Difference between objects.all and select related and prefetch
6. Why serializers are used? When we have json dumps
7. PEP 8

Django orm queries

# BLACKSTRAW

1. Pass by reference
2. Decorators
3. Generators, advantages of generators
4. .pyc file
5. Private and protected variables
6. Find the least value in the list which is close to the “0”, if there are two values with different signs such as negative and positive value. Positive value should be given preference.
7. # Give a list of numbers, find the number near to 0.
8. # Input : 1 -2 -5 8 9
9. # Output : 1
10. # Input : -12 -2 -10
11. # Output: -2
12. # Input : -3 3 10 12 8
13. # Output : 3
15. lis=[-3, 10, 12, 8]
16. op =None
17. for i in lis:
18. if op ==None:
19. dif = (i-0)
20. op =dif
21. else:
22. dif =(i-0)
23. if dif ==(-op):
24. op=dif
25. if dif<op:
26. op=dif
27. print(op)

# Persistant

1. what is restapi
2. Difference between api
3. consuming api
4. Beautiful soup
5. Take dictionaries as input to data frames.

# Some comp

1. Access modifiers
2. What is rest API
3. Write code on Fibonacci series
4. Namespace
5. Whitespace
6. Diff between pandas and series
7. Beautiful soup connection

# Unimart

1. If we have table with 100gb data, how do we reduce the search time?
2. Redis/aws
3. How indexing works in sql
4. Difference between multi thread and single thread