1. The subquery (4)
2. Mysqldump (3)
3. Column level (3)
4. --help (3)
5. PATH ©
6. 2
7. Enum (1)
8. D
9. IN (b)
10. SELECT COLUMN FROM TBL (2)
11. ANSI 2
12. Describe table; (4)
13. Select \* from inventory; (4)
14. Configuration files (2)
15. Union (3)
16. 3
17. 1
18. 4
19. 4
20. Foreign key; (3)

Query Questions:

1. SELECT \* FROM customers where match(address) against (‘street, drive’);
2. Create view v1 as select \* from t1;
3. Select cars.\*, purchase.date from cars left join purchases on cars.ID = purchases.carID;
4. Create another table to serve as a lookup for powers with fields for code and description, as well as a junction table with superhero names and power codes.

1 find the colors of boats reserved by Dustin

Answer: select color from s,b,r where r.sid=s.sid and r.bid=b.bid and sname=’Dustin’;

2 find all ids of sailors who have a rating of at least 8 or have reserved boat 103

Answer: (select sid from s where rating>=8) union (select sid from r where bid=103)

3 find the names of sailors who have not reserved a red boat

Answer: select s.sid, s.sname from sailors s, boats b, reserves r where s.sid=r.sid and b.bid=r.bid and c.color not equals ‘red’;

4 find the ids of sailors with age over 20 who have not reserved a red boat

Answer: select s.sid, s.sname from sailors s, boats b, reserves r where s.sid=r.sid and b.bid=r.bid and s.age>20 and c.color not equals ‘red’;

5 find the name of sailors who have reserved atleast two boats

Answer: select sname from s, r r1, r r2 where s.sid=r1.sid and s.sid=r2.sid and r.bid<>r2.bid

6 find the name of sailors who have reserved all boats

Answer: select sname from s where not exists (select \* from b where not exists (Select \* from r where r.sid=s.sid and r.bid=b.bid))

7 find the names of sailors who have reserved all boats called Interlake

Answer: Select sname from sailors where not exists( select \* From Boats Where bname = “Interlake” and not exists( select \* FROM reserves where r.sid = s.sid and r.bid = b.bid ) );

8 find the ids of sailors whose rating is better than some sailor called Andy

Answer: select s.sid from s s1, s s2 where s1.rating>s2.rating and s2.name=’Andy’;

9 find the ids of sailors whose rating is better than every sailor called Andy

Answer: select sid from s where raing>all(select rating from s s2 where s2.name=’Andy’)

10 find the IDs of sailors with highest rating

Answer: select sid from s s1 where rating>=all(select rating from s)

11 find the name and age of oldest sailor

Answer : Select s1.sname, s1.age from s s1 where not exists (select \* from s s2 where s2.age>s1.age);