Database

1. From the below mentioned "Arrears" table,

CanID	ExamFee	FirstAttempt	SecondAttempt	ThirdAttempt	FourthAttempt
C1	200	NULL	NULL	NULL	13-10-2021
C2	50	13-07-2021	Null	NULL	NULL
C3	400	NULL	NULL	13-09-2021	NULL

Write a query to get Output as below.

CanID	Attempt_DATE
C1	13-10-2021
C2	13-07-2021
C3	13-09-2021

Using the Players and Country tables, answer the following Questions

Players:

PlayerNo	Player_Name	Player_Country_Code	Salary	Joining_Date
11	James	IN	31000	27-06-2005
12	Anitha	AA	41500	01-01-2022
13	Jerem	IN	23600	13-10-2019
14	Alwin	IN	15800	24-12-2021
15	Shakib	KA	41800	13-08-2020
16	Nakul	NULL	32300	15-08-2021

Country:

Country_Code	Country_Name	TestPlay_Ind
IN	India	Y
AA	Australia	Y
KA	Kenya	N

1. Write a Query to fetch all players along with their Country name. Do not display the players for whom Country is not assigned.

2. Write a query to fetch players who are not from Test Playing countries (TESTPLAY_IND should be "N")

3. Write a query to fetch the Candidates who are from Country which has "IN" in its name.

4. Re-write the following query without using NOTNULL keyword.

   Select * from Players where Player_Country_Code is not null.

5. Write a query to select third highest salary from Players table.

6. Write a query to select Player_name whose third character is "_" (Underscore)

7. Write a query to check existence of letter "I". Output should be as below

Player_Name	I_Existing
James	No
Anitha	Yes
Jerem	No
Alwin	Yes
Shakib	Yes
Nakul	No

8. Write a query to fetch first Two letters of the Player_Name and last one letter of the Player_name from "Players" Table

9. Write a query to fetch records from Players table having Joining Date in the month of May or June and Joined in the year 2021.

10. Write a Select Statement to get the Output as mentioned below.

T1

COL1
1
1
2
3
4

T2

COL2
1
2
2
3
5

Output required is as below

Col1	Col2
1	1
1	1
2	2
2	2
3	3

Using the "Student_Marks" table answer the following questions

SNo	Student_Name	Class	Tamil	English	Maths	Science	Social
101	AA	10	62	47	69	88	94
102	BB	10	94	89	89	99	98
103	CC	10	85	77	86	53	39
104	DD	10	41	55	38	60	37
105	EE	10	65	34	39	62	77

11. Write a query to fetch Max marks and Min Marks scored in Tamil and English subjects.

12. Write a query to fetch Student_name whose Tamil Mark is greater than the Average Tamil Mark of all students.

13. Write a query to find Total Mark of all the Students and select Student_name and Total_marks column alone.

14.

Table T2

Case	Dept
1	5
2	6
3	5
4	8

Table T3

Dept	DeptDetail
5	A
6	B
7	D

Write a Query to get the following output

T2.Dept	T3.Dept
5	5
6	6
5	5
8	NULL
NULL	7

15. Get the Current Date (Todays Date) in the format of '20-may-2008 13:15:25'

16. Re-write the Following Query using Join.
    Select BM.Station_Name From BlueLine_Metro BM
    Where Exists (Select 1 from Redline_Metro RM Where BM.Station_ID = RM.Station_ID)

17. What is the value of
    select trunc (99.7) from dual

18. Rewrite the following query without using like operator
    Select * from EMP_DETAILS where EMP_NAME like '_ _ _ R_'

19. Rewrite the following query without using join
    Select x.cd_department
    From department x, employee y
    Where x.cd_department=y.cd_department;

Protechsoft

① Select player-name, country-name
From Players, Country
Where Players-country_code IN country-code;

(or)

=

② Select playername
from Players
Where Player-country-code IN (Select country-code
from Country
Where Testplay_Id = 'N');

③ Select player-name
from players
Where player-country-code IN (Select country-code
From Country
Where Country-Name
LIKE '%IN%');

④ Select *
from player
Where NOT player-country-code IS NULL;

⑤ Select P1.salary
From players P1
where 2 IN (Select count (distinct P2.salary)
From Players P2
where P1.salary < P2.salary);

⑥ Select player.name
From players
where player.name like '_ _@_%' Escape '@';

⑧ Select substr (Player.name, 1, 2), substr
(player.name, -1)
From Players;

⑨ Select *
From players
where Joining.date like '%May-2021' OR
Joining.date like '%June-2021';

⑩ Select col1
from T1
. INTERSECTION All
Select col2
From T2;

(11) Select max(Tamil), min(Tamil), Max(English),
       min(English)
    From Student_marks;

(12) Select Student_name
    from Student_marks
    where Tamil > (Select Avg(Tamil)
                     From Student_marks);

(13) Select Student_name, English+Tamil+maths+
                         Science + social AS
                            Total_marks
    From Student_marks;

(14) Select T2.Dept, T3.Dept
    From Table T2 FULL OUTER JOIN TABLE T3
    ON T2.Dept = T3.Dept;

~~OR~~

~~Select T2.Dept, T3.Dept~~
~~From Table T2, Table T3~~
~~where~~

15) Select SYSTIMESTAMP
    From Dual;

16) Select BM.station_Name
    From Blueline_MetroBM, Redline_MetroRM
    Where BM.StationID = RM.station-ID;

17) 99

18) Select *
    From Emp-Details
    Where. INSTR(EMP-NAME, 'R', 1) = -2;

19) Select x.cd-department
    from department x
    Where x.cd-department IN(Y.cd.department
                            from ~~department~~
                            employee y);