

## Task Submissions

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- 1) What is the order of priority testing  
A) UNIT > Integration > System testing

Before launching a Software which testing is to be done  
in-house

- C) Alpha

The difference b/w Re-testing and Regression testing is

- c) Re-testing is done after fault are fixed.  
Regression testing is done

) verification is ?

- a) checking that we are building the right system.

Which testing phase tests individual SW module  
combined together or a group ?

- B) Integration testing.

\_\_\_\_\_ is done by suddenly increasing the load for  
a small period of time and observing the  
behaviour of the system.

- C) Spike testing:

In an examination a candidate has to score a minimum  
of 24 mark in order to clear the exam. the maximum  
that he can score is 40 mark identify valid  
equivalence values if the student clear the exam?

- C) 29, 30, 31

- Q 8 A program validates numeric fields as follow  
 i. values less than 10 are rejected value b/w  
 10 and 21 are accepted, values greater than  
 equal to 22 are rejected which of the  
 following covers the most boundary values.  
 Ans (c) 10, 11, 21, 22

- Q 9 Write update query with this condition change  
 Name 'TEST A' to 'TEST B' from Emp table

Ans

```
UPDATE EMPLOYEE
SET NAME = 'TEST B'
WHERE NAME = 'TEST A';
```

- Q 10 :- write Select Query with this condition find record  
 like Employee DOB from 01-01-1990 to 31-12-2003  
 from Employee table ?

Ans

```
SELECT EMPLOYEE DOB
FROM EMPLOYEE
WHERE EMPLOYEE DOB BETWEEN '01-01-1990' AND
'31-12-2003';
```

- Q 11 :- Difference between primary key and unique key ?

Ans Primary key will not accept null values  
 whereas unique key can accept null values

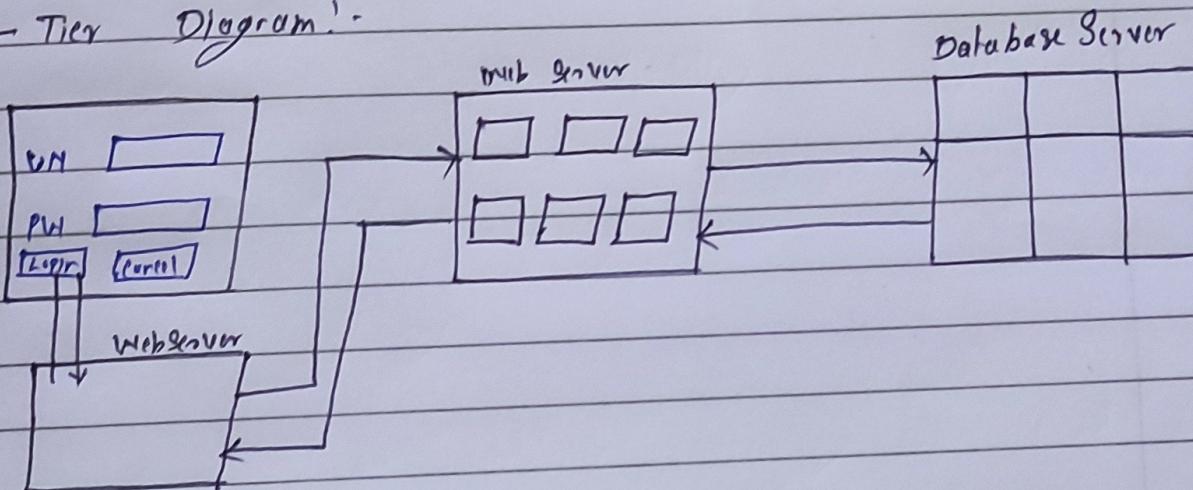
- Q 15 Explain 2 tier architecture and 3 tier architecture .

Ans Two - Tier Architecture :- In this the Application  
 logic is either buried inside  
 the user interface on the client or within  
 the database or the Server (or both). with  
 two - tier Client / Server architecture , the user

System Interface is usually located in the user's desktop environment and database management services are usually in server that is a more powerful machine that service many clients.

2) Three - Tier Architecture : The application logic or process lives in the middle tier, if it is separated from the data and the user interface . three - tier system are more scalable , robust and flexible

→ 2 - Tier Diagram :-



→ 3 Tier - Architecture Diagram

