**Excel Test**

**Duration-2 hours**

**Create data wherever required**

1. A cell shows "PASS" if a student scores more than 40, otherwise "FAIL". Write a formula to achieve this.
2. A candidate qualifies if they score above 60 in both Math and English. Show "Qualified" or "Not Qualified".
3. Display "High", "Medium", or "Low" for sales above 100000, between 50000–100000, and below 50000.
4. Show "Promotion" if experience is more than 5 years **or** performance rating is above 4.
5. Return "Discount Eligible" if customer has purchased more than 10 items **and** total bill is above 5000.
6. A column shows different departments. Count how many entries belong to the "HR" department.
7. Calculate total sales made in "North" region.
8. Compute the sum of quantities sold where the product category is "Electronics".
9. Find the number of days where attendance is marked as "Present".
10. Determine the number of non-empty entries in a list of employee names.
11. How many empty cells are there in the "Remarks" column?
12. From a list of test scores, calculate the average of only the values that are 50 and above.
13. Compute the average salary for employees in the "IT" department.
14. Calculate the average of marks scored by female students only.
15. Find the total bonus for employees who got a rating above 3 and belong to the "Sales" department.
16. Count how many orders were placed in March and had an amount greater than ₹10,000.
17. Count the number of products whose stock is either less than 10 or more than 100.
18. A customer should be labeled "Premium" if they made purchases above 10 times and each time above ₹1000.
19. Show "Eligible for Loan" if age is between 25 and 60 and salary is above ₹30,000.
20. Count how many employees joined in the year 2022.
21. Sum the total income where category is "Investment" and amount is more than ₹5000.
22. From a list of students, how many got more than 80 in Math and more than 90 in Science?
23. Calculate the total of scores that are not blank.
24. A person gets 5% discount if purchase > 5000, 10% if > 10000, otherwise 0%. Display the discount %.
25. Combine first name and last name in a single column with a space between.
26. From a list of emails, extract only the usernames before "@domain.com".
27. Show "Grade A" if score ≥90, "Grade B" if ≥75, "Grade C" if ≥60, else "Fail".
28. Calculate the total salary paid to employees in "Accounts" who have more than 2 years experience.
29. From a sales data, how many transactions have a "Pending" status and are above ₹20,000?
30. Show "Within Budget" if actual spending is less than or equal to budgeted amount.
31. How many employees are there in the company (including those with missing values in some fields)?
32. Create a summary sentence like: "Total order is ₹2500 for customer Rajeev".
33. Combine address components (Street, City, State, Pincode) into one cell, separated by commas.
34. Calculate how many products are low in stock (less than 5 units) and are in the "Grocery" category.
35. Find the average age of customers who made more than 3 purchases.