

Student Name	Marks	Result
Riya	45	Pass
Siya	72	Pass
Raju	55	Pass
Rahul	80	Pass
Ram	30	Fail

Oue:1	Write a formula to check if the marks in cell B2 are greater than or equal to 40. If yes, return , "Pass" otherwise "Fail"
Ans: 1	<p>Formula: IF(Marks&gt;=40,"Pass","Fail")</p> <p>Shows each student's marks and whether they passed or failed.</p>

Employee	Sales	Attendance	Bonus
Arjun	55000	95	Bonus
Simran	65000	85	No Bonus
Rohit	30000	90	No Bonus
Anjali	25000	65	No Bonus

Oue:2	A company gives a bonus if sales are above 40,000 and attendance is greater than or equal to 90%. Write a formula to calculate whether the employee will get a bonus or not .
Ans: 2	Formula=IF(AND(B10>40000,C10>=90),"Bonus","No Bonus")

Student Name	Marks	Grade
Raj	85	B
Neha	96	A
Vivek	57	C
Rani	92	A
Sneha	75	B

Oue:3	Write a nested IF formula: If marks in are B2≥ 90 → "A", ≥ 75 →"B", ≥ 50 →"C", otherwise "Fail"
Ans: 3	Formula: =IF(Marks>=90,"A",IF(Marks>=75,"B",IF(Marks>=50,"C","Fail")))

EmpID	Name	Department
E101	Raju	IT
E102	Riya	HR
E103	Roshni	Finance
E104	Sejal	Sales

Oue:4	Find the Department of Employee ID = E103. Also explain which LOOKUP function is used and why?
Ans: 4	<p>Finance</p> <p>Formula: =VLOOKUP(A27,A25:C28,3, FALSE)</p>

Sales Amount	Commission Rate
0	5%
20000	10%

Oue:5	A company has set the following commission structure for its sales team: If a salesperson achieves sales of ₹45,000, use the VLOOKUP function to determine the commission rate applicable.
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50000	15%
80000	20%

Ans: 5

**15%**

Formula: =VLOOKUP(A34,A32:B35,2,FALSE)

Employee Name	Leaves Taken	Leaves Allowed	Leave Status
Alex	10	12	OK
Bob	10	15	OK
Anna	8	12	OK

Ques:6

The HR department maintains the following leave records of employees: onus or not. Write an IF function to check whether an employee has Exceeded their allowed leave balance. If Leaves Taken > Allowed Leaves, display "Exceeded". Otherwise, display "OK".

Ans: 6

Formula: =IF(LeavesTaken&gt;LeavesAllowed,"Exceeded","OK")

EmpID	Salary
E104	55000
E105	72000
E106	62000
E102	41000

Ques:7

Find the salary of EmpID = E105 using INDEX-MATCH Function.

Ans: 7

**72000**

Formula :=INDEX(B47:B50,MATCH(A48,A47:A50,0))

EmpID	Department
E101	HR
E303	IT
E106	Sales
E301	Finance

Ques:8

Use the XLOOKUP function to find the Department of the employee with Emp ID = E303

Ans: 8

EmpID	Department
E303	#NAME?

Formula: =XLOOKUP(F56,A54:A57,B54:B57,"not available",0,1)

Departent is IT