

# Conditional Formatting Practice Solutions

## Value-Based Rules

1. Highlight students who scored more than 80 marks.

Ans - Select Marks → Conditional Formatting → Greater Than 80 → Green Fill

2. Highlight employees with marks below 40 in red.

Ans - Select Marks → Less Than 40 → Red Fill

3. Shade rows where age > 35.

Ans - Formula: =C2>35 → Apply to full rows

4. Highlight salaries greater than ₹70,000.

Ans - Salary → Greater Than 70000 → Green Fill

5. Highlight employees whose salary < 30,000.

Ans - Salary → Less Than 30000 → Red Fill

6. Shade joining dates before 2022 .

Ans - Formula : =YEAR(\$E2)<2022.

7. Highlight employees who joined this year.

Ans - Formula : =YEAR(\$E2)=YEAR(TODAY()).

## Duplicate / Unique Rules

8. Highlight duplicate names .

Ans - Conditional Formatting → Duplicate Values → Yellow Fill

9. Highlight duplicate salaries

Ans - Duplicate Values → Light Red Fill.

10. Highlight unique employee IDs.

Ans - Formula : =COUNTIF(\$A:\$A,\$A2) = 1 → Green Fill

## Top / Bottom Rules

11. Highlight top 10% marks.

Ans - Top/Bottom Rules → Top 10%

12. Highlight bottom 10% salaries.

Ans - Bottom 10%.

13. Highlight top 5 highest salaries

Ans - Top 10 Items → Change number to 5

14. Highlight lowest 5 marks.

Ans - Bottom 10 Items → Change number to 5

## Custom Formula Rules

15. Department = 'IT' and Marks > 70

Ans - Formula : =AND(\$D2="IT",\$C2>70)

16. Department = 'Sales' and Salary < 40,000

Ans - Formula: =AND(\$D2="Sales",\$E2<40000)

17. Age between 25 and 30

Ans - Formula : =AND(\$B2>=25,\$B2<=30)

18. Joining date on weekend

Ans - Formula : =WEEKDAY(\$E2,2)>5

19. First name starts with 'A'

Ans - Formula: =LEFT(\$B2,1)="A"

20. Marks < 50 AND Salary > 50,000

Ans- Formula : =AND(\$C2<50,\$E2>50000)