

# **Data Validation Practice Questions**

## **Input Restrictions**

1. **Allow only numbers between 0 and 100 in Marks column**
  - Select Marks column → Data → Data Validation → Allow: *Whole Number* → Min: 0, Max: 100.
2. **Restrict Age values to between 20 and 40**
  - Allow: *Whole Number* → Min: 20, Max: 40.
3. **Restrict Salary to values between 20,000 and 90,000**  
**Allow: *Whole Number* → Min: 20000, Max: 90000.**
4. **Ensure Joining Date is not earlier than 01-Jan-2020**  
Allow: *Date* → Start Date: 01-01-2020.
5. **Prevent blank entries in Name field**  
Data Validation → Uncheck *Ignore Blank*.
  - ◆ Dropdown Lists
6. **Department (HR, IT, Finance, Marketing)**
  - Allow: *List* → Source: HR, IT, Finance, Marketing.
7. **Location (Delhi, Lucknow, Varanasi, Kanpur, Jaipur, Patna, Agra, Chandigarh, Bhopal, Gorakhpur)**
  - Allow: *List* → Source: Delhi, Lucknow, Varanasi, Kanpur, Jaipur, Patna, Agra, Chandigarh, Bhopal, Gorakhpur
8. **Designation (Manager, Executive)**
  - Allow: *List* → Source: Manager, Executive.
9. **Employment Type (Full-Time, Part-Time, Contract)**
  - Allow: *List* → Source: Full-Time, Part-Time, Contract.
10. **Gender (Male, Female, Other)**
  - Allow: *List* → Source: Male, Female, Other.

## **Custom Formulas**

11. **Ensure Email contains "@gmail.com"**  
=ISNUMBER(SEARCH("@gmail.com",\$F2))
12. **Ensure Age is not blank**  
=LEN(\$C2)>0
13. **Ensure Salary is not blank**  
=LEN(\$E2)>0
14. **Ensure Marks > 40 if Department = IT**  
=IF(\$D2="IT",\$B2>40,TRUE)

## **Data Validation Practice Questions**

15. **Restrict Salary > 50,000 only if Department = Finance**

=IF(\$D2="Finance",\$E2>50000,TRUE)

Date & Time Validation

16. **Restrict Joining Date to weekdays only**

=WEEKDAY(\$E2,2)

17. **Allow entries only within the last 5 years**

=DATEDIF(\$E2,TODAY(),"Y")<=5

18. **Ensure Joining Date is entered correctly (not future date)**

=\$E2<=TODAY()

◆ Dependent Validation

19. **If Department = Sales, then Location must be Delhi, Jaipur, or Lucknow**

=IF(\$D2="Sales",ISNUMBER(MATCH(\$E2,{"Delhi","Jaipur","Lucknow"},0)),TRUE)

20. **If Age < 25, restrict Salary to less than 40,000**

=IF(\$C2<25,\$E2<40000,True)

○