

Question: Consider a worksheet which stores records of employees in an organization:

(a) Create the worksheet and input Name and Basic Pay of at least 10 employees.

(b) Calculate HRA, DA, MA and Gross Pay using appropriate formula :

HRA =8% of Basic, DA = 15% of Basic, MA= 5% of Basic,

Gross Pay = Basic + HRA + DA +MA

(c) Compute P TaN based upon the following ruale:

P Tax = 150 if Gross Pay <= 50000,

250 if 50000 < Gross Pay <= 100000,

400 otherwise

(d) Sort the records in descending order of Net Pay.

(e) Trace the precedents and the dependents of cell F3.

Name	Basic	HRA	DA	MA	Gross Pay	P Tax	Net Pay
Aman Gupta	₹30,000	₹2,400	₹4,500	₹1,500	₹38,400	150	₹38,250
Rakesh Roy	₹60,000	₹4,800	₹9,000	₹3,000	₹76,800	250	₹76,550
Amit Gupta	₹56,000	₹4,480	₹8,400	₹2,800	₹71,680	250	₹71,430
Ashnir Grover	₹78,000	₹6,240	₹11,700	₹3,900	₹99,840	250	₹99,590
Sanjay Thakur	₹25,000	₹2,000	₹3,750	₹1,250	₹32,000	150	₹31,850
Maharana Pratab	₹98,000	₹7,840	₹14,700	₹4,900	₹1,25,440	400	₹1,25,040
Akash Avasti	₹67,000	₹5,360	₹10,050	₹3,350	₹85,760	250	₹85,510
Ranith Sarkar	₹56,000	₹4,480	₹8,400	₹2,800	₹71,680	250	₹71,430
Dipto Barman	₹66,000	₹5,280	₹9,900	₹3,300	₹84,480	250	₹84,230
Arun Prabhudesai	₹87,000	₹6,960	₹13,050	₹4,350	₹1,11,360	400	₹1,10,960

Precedents of cell F3 are B3(Basic), C3(HRA), D3(DA) and E3(MA). And dependents of cell F3 are G3(P Tax) and H3(Net Pay)

(b) formula to calcutale G3(P Tax) is

=IF(F2<=50000,150,IF(F2<=100000,250,400))

The below table is the shorting form of desending order of net pay of the above table

Name	Basic	HRA	DA	MA	Gross Pay	P Tax	Net Pay
Maharana Pratab	₹98,000	₹7,840	₹14,700	₹4,900	₹1,25,440	400	₹1,25,040
Arun Prabhudesai	₹87,000	₹6,960	₹13,050	₹4,350	₹1,11,360	400	₹1,10,960
Ashnir Grover	₹78,000	₹6,240	₹11,700	₹3,900	₹99,840	250	₹99,590
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Aman Gupta	₹30,000	₹2,400	₹4,500	₹1,500	₹38,400	150	₹38,250
Sanjay Thakur	₹25,000	₹2,000	₹3,750	₹1,250	₹32,000	150	₹31,850