## PUZZLE MANIA

## The Conclusion

## Chapter-5 ( Box Based Puzzles)

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1. Direction: Study the following information carefully and answer the questions that follow.
Seven boxes E, F, G, H, S, T and U contains seven different food items viz. salt, sugar, wheat, rice, butter, curd and milk. Each box is placed one above another. Four boxes are between box E and the box which contains salt. The box which contains sugar is immediately below the box which contains salt. Two boxes are between box H and the one which contains salt. Box $T$ is immediately below box H . Box F is placed immediately below the one which contains curd. Two boxes are between the one which contains sugar and the one which contains butter. Box $S$ contains wheat. The box which contains milk is placed immediately below box E. Two boxes are between the one which contains wheat and the one which contains curd. Box $U$ is placed above box G.
Which among the following box contains rice?
A. U
B. G
C. H
D. T
E. None of these

Ans. C
2. Which item is placed immediately below Butter?
A. Curd
B. Milk
C. Salt
D. Sugar
E. None of these

Ans. A
3. How many boxes are between box $S$ and box F ?
A. One
B. Two
C. Three
D. Four
E. None of these

Ans. C
4. Which of the following combination is true?
A. G- Salt
B. H-Curd
C. T- Milk
D. E-Curd
E. None is true

Ans. D
5. Which box is immediately above the box which contains Wheat?
A. U
B. G
C. H
D. T
E. None of these

Ans. B
6. Direction: Read the following information carefully to give the answers of the given questions.
Seven boxes P, Q, R, S, T, U and V are placed in different floors of a building. There are 8 floors in that building numbered from 1 to 8 . The lowermost floor is numbered 1 , above that is numbered 2, and so on till the topmost floor is numbered 8. Only one floor is vacant in the building.
Each box has different cost prices, Rs. 62, Rs. 68, Rs. 83, Rs. 89, Rs. 92, Rs. 111 and Rs. 123 but not necessarily in the same order. The selling price of each is Rs. 127. V's cost price is less than Rs. 83. The difference in cost price of $V$ and $Q$ is Rs. 21. Q's profit is less than $P$, but P's profit is not the most. $S$ is placed on the $4^{\text {th }}$ floor. There is the difference of Rs. 9 in C.P. of the boxes placed on $6^{\text {th }}$ floor and $4^{\text {th }}$ floor. $U$ is placed on the floor immediately below the vacant floor. R is placed on an odd numbered floor less than 6. The difference between the C.P. of $P$ and the one which is placed on the $6^{\text {th }}$ floor is Rs. 15. The box with $2^{\text {nd }}$ highest gain is placed on the $7^{\text {th }}$ floor. Neither R nor U gains profit of Rs. 4. The difference of CP of $R$ and $S$ is less than Rs. 5. The sum of gain of $P$ and $T$ is Rs. 63. Addition of gains of boxes placed on $2^{\text {nd }}$ floor and the lowest floor is Rs. 20. The box which gains the least profit is placed 2 floors below the vacant floor.
Which box earns the lowest profit?
A. T
B. U
C. R
D. Q
E. None of these

Ans. A
7. What is the sum of cost prices of the boxes which is placed on the topmost floor and the box which is placed just above the vacant floor?
A. 150
B. 160
C. 154
D. 174
E. None of these

Ans. C
8. Which box is placed immediately below the box having profit of Rs. 38?
A. Q
B. V
C. S
D. U
E. None of these

Ans. C
9. Which box gained the highest profit?
A. V
B. $S$
C. T
D. R
E. Can't be determined

Ans. A
10. What is the difference between the profits of $V$ and $R$ ?
A. 27
B. 25
C. 3
D. 16
E. None of these

Ans. A

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