

1. The dynamic programming deals with	Realization problems	Optimization problems	Neutralization problems	None of the above
2. Which of these methods can be used in dynamic programming?	Tabulation method	Memorization method	Both of the above	None of the above
3. Which of these follows the top-down approach?	Tabulation method	Memorization method	Both of the above	None of the above
4. Which of these follows the bottom-up approach?	Tabulation method	Memorization method	Both of the above	None of the above
5. Which data structure is used for solving problems of dynamic programming?	Queue	Stack	Tree	Graph
6. For multiplication of two matrices,	The number of columns of first matrix must be equal to number of rows of second matrix.	The number of rows of first matrix must be equal to number of rows of second matrix.	The number of rows of first matrix must be equal to number of columns of second matrix.	The number of columns of first matrix must be equal to number of columns of second matrix.
7. If four matrices, i.e., A1, A2, A3 and A4, are to multiplied using tabulation method of dynamic programming, then which one will be considered first?	A1	A2	A3	A4
8. The tabulation method of dynamic programming follows _____	Left to right approach	Right to left approach	Top-down approach	Bottom –up approach
9. In a matrix of dimension A [5*3], how many elements will be there?	3	5	15	2