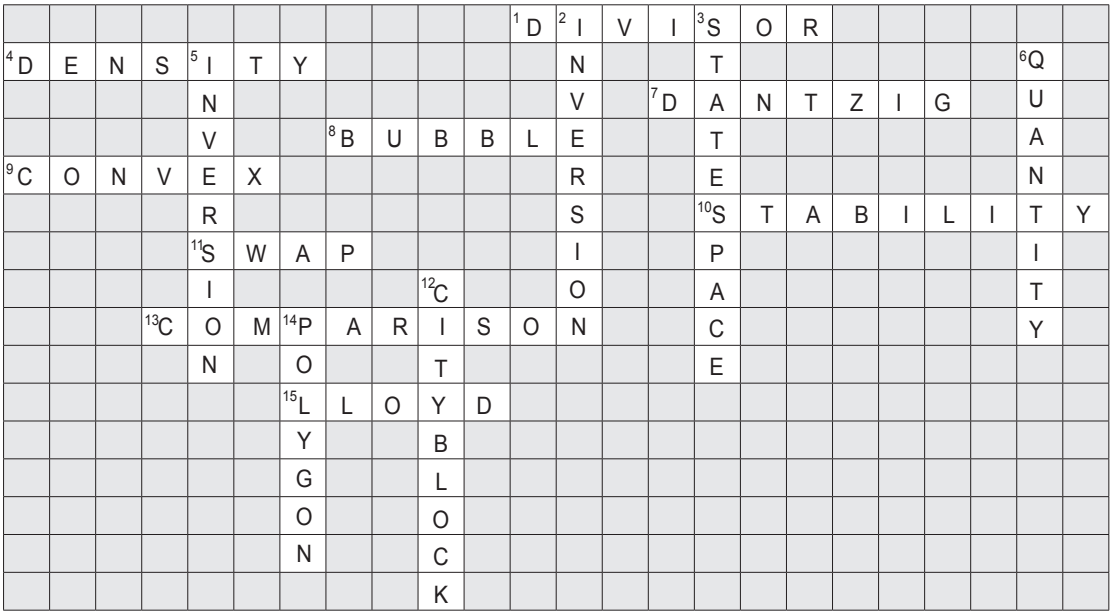
■ CHAPTER 7 ■



Across

1. A number that divides another number evenly to give a zero remainder is called a _____ [DIVISOR]
4. Hashing is an example of _____ dependent search [DENSITY]
7. _____ popularized knapsack problems [DANTZIG]
8. Exchange sort is also called _____ sort [BUBBLE]
9. If a line that connects two points fall within a polygon, then the polygon is _____ [CONVEX]
10. The property of the sorting technique to maintain a relative order is called _____ [STABILITY]
11. The process of exchanging elements to maintain order is called _____ [SWAP]
13. Two sorting models are _____ operator-based model and swap operator model [COMPARISON]
15. The 15-puzzle was popularized by Sam _____ [LLOYD]

Down

2. Elements that are out of order are called _____ [INVERSION]
3. A graph in which all possible solutions are arranged is called _____ [STATESPACE]
5. A swap operation removes one _____ [INVERSION]
6. Search is of two types: _____ dependent and density dependent [QUANTITY]
12. The different distances are Euclidean, Manhattan, and _____ distance [CITYBLOCK]
14. A closed region that are covered by a set of vertices is called a _____ [POLYGON]

© Oxford University Press, All rights reserved.