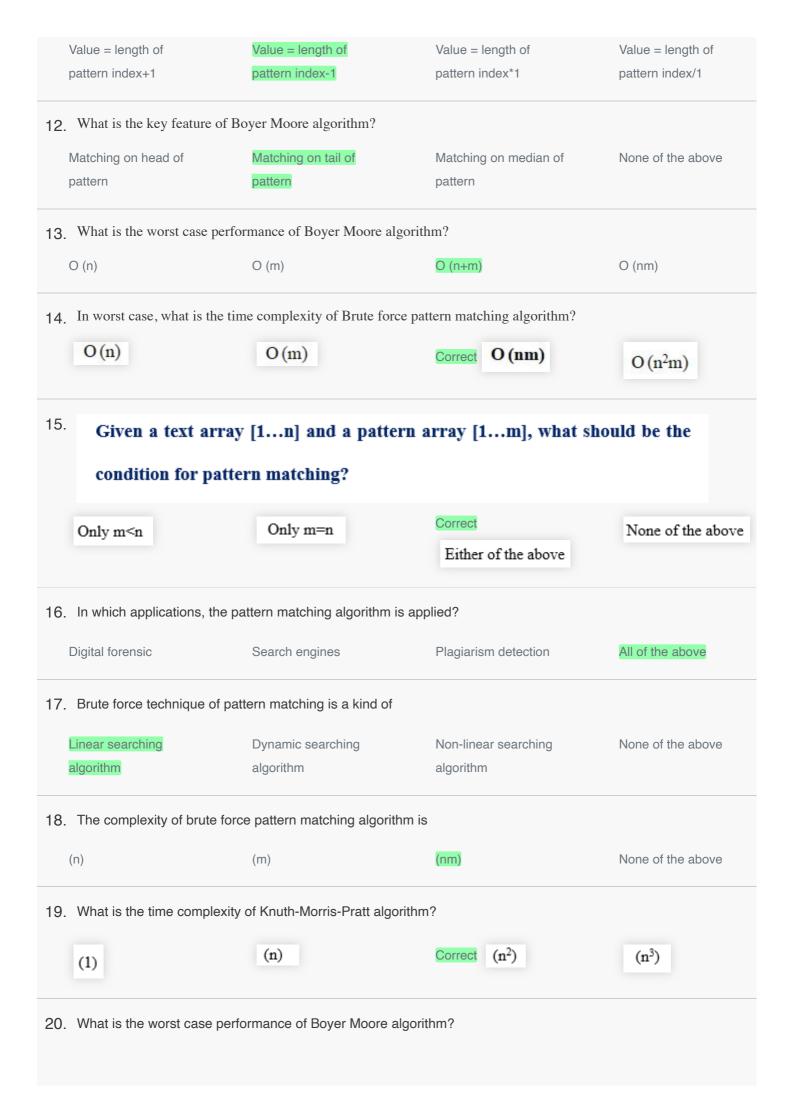
| 1.   | Which key combination is used to find out a pattern in text?                 |                                  |                                |                   |
|--|--|----------------------------------|--------------------------------|-------------------|
|  | CTRL – F   | CTRL – Z                         | CTRL – A                       | CTRL – B          |
| 2.   | Which of these algorithms is used for pattern matching?                      |                                  |                                |                   |
|  | Brute force algorithm  | Robin-Karp algorithm             | Knuth Morris algorithm         | All of the above  |
| 3.   | is the process of recognizing patterns by using machine learning algorithm.  |                                  |                                |                   |
|  | Processed data   | Literate statistical programming | Pattern recognition            | Likelihood        |
| 4.   | Brute force technique of pattern matching is a kind of                       |                                  |                                |                   |
|  | Linear searching algorithm   | Dynamic searching algorithm      | Non-linear searching algorithm | None of the above |
| 5.   | The complexity of brute force pattern matching algorithm is                  |                                  |                                |                   |
|  | O (n)  | O (m)                            | O (nm)                         | None of the above |
| 6.   | jth character of the pattern will be compared with character of main string. |                                  |                                |                   |
|  | ith  | j-i th                           | j-i+1 th                       | j+i-1 th          |
| 7.   | Which of these is a drawback of Brute force pattern matching algorithm?      |                                  |                                |                   |
|  | Extra work needs to be done  | Does not study the pattern       | It works blindly               | All of the above  |
| 8.   | Which concept is used in Knuth-Morris-Pratt algorithm?                       |                                  |                                |                   |
|  | Prefix   | Suffix                           | πtable                         | All of the above  |
| 9.   | How many index variables are required for Knuth-Morris-Pratt algorithm?      |                                  |                                |                   |
|  | 1  | 2                                | 3                              | 4                 |
| 10. The Boyer Moore implements                           |  |                                  |                                |                   |
|  | Bad Character<br>Heuristic   | Good Suffix Heuristic            | Both of the above              | None of the above |
| 11. What is the formula for constructing bad mach table? |  |                                  |                                |                   |



(n) (m) (n+m)