



14. a) Find the threats to cyber security.  
(OR)  
b) Show the measures to maintain password security.

15. a) List out the features of firewall.  
(OR)  
b) Compute the ways for web security.

**SECTION – C****(5 X 8 = 40 MARKS)**

**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.  
(K4 & K5)**

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|-----|--|-----------|----|
| 16. | a) Examine the tools and databases available in NCBI.                | <b>K4</b> | .. |
|     | (OR)   |           |    |
|     | b) Analyse the overview of blast tool.                               | <b>K5</b> |    |
| 17. | a) Inspect the methods to compare pairwise alignment.                | <b>K4</b> | .  |
|     | (OR)   |           |    |
|     | b) Describe the steps in homology modeling of gene prediction        | <b>K4</b> |    |
| 18. | a) Prioritize the protein structure prediction databases             | <b>K5</b> |    |
|     | (OR)   |           |    |
|     | b) Outline the computer-aided drug designing                         | <b>K4</b> |    |
| 19. | a) Determine the impacts and types of malicious softwares            | <b>K4</b> |    |
|     | (OR)   |           |    |
|     | b) Explain about memory exploits                                     | <b>K5</b> |    |
| 20. | a) Investigate the ways and importance of software security          | <b>K4</b> |    |
|     | (OR)   |           |    |
|     | b) Recommend the things that come under intellectual property rights | <b>K5</b> |    |

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