

# Question generation

## Section 1 (5 marks per question)

Q1. Define the purpose and functionality of 'networking commands' in Windows systems, explaining how they assist in troubleshooting network issues. Provide an example of such a command and its usage.

<i>Component</i>	<i>Marks</i>
Definition	1 mark
Explanation	2 marks
Example/Diagram	2 marks

Q2. Describe the characteristics and usage of the 'ipconfig' command. Explain its output and provide an example scenario where this command is useful for network configuration and troubleshooting.

<i>Component</i>	<i>Marks</i>
Definition	1 mark
Explanation	2 marks
Example/Diagram	2 marks

Q3. Explain the operation and benefits of the 'nslookup' command in the context of DNS management. Provide an example of how this command can be used to resolve DNS-related issues or obtain domain name information.

<i>Component</i>	<i>Marks</i>
Definition	1 mark
Explanation	2 marks
Example/Diagram	2 marks

Q4. Describe the purpose and functionality of the 'route' command in Windows systems. Explain its output format and provide an example scenario where this command is useful for managing and manipulating IP routing tables.

<i><b>Component</b></i>	<i><b>Marks</b></i>
Definition	1 mark
Explanation	2 marks
Example/Diagram	2 marks