

MAQB

Section 1 (6 marks per question)

Q1. Explain the role of the network layer in transferring data from source to destination.

<i>Component</i>	<i>Marks</i>
concept	2 marks
explanation	2 marks
example	2 marks

Q2. Describe the network layer responsibilities in ensuring host-to-host message delivery on the Internet.

<i>Component</i>	<i>Marks</i>
concept	2 marks
explanation	2 marks
example	2 marks

Q3. Discuss the key communication responsibilities handled by the network layer.

<i>Component</i>	<i>Marks</i>
concept	2 marks
explanation	2 marks
example	2 marks

Q4. Explain the process of packetizing at the network layer and its significance.

<i>Component</i>	<i>Marks</i>
concept	2 marks
explanation	2 marks
example	2 marks

Q5. Describe the essential features and services provided by the network layer.

<i>Component</i>	<i>Marks</i>
concept	2 marks
explanation	2 marks
example	2 marks