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## GLH Scheme: Unit 16 Networking Solutions

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Hour	Topic
1	Introduction to Unit 16: <i>Networking Solutions</i>
2	Computer Networks: <ul style="list-style-type: none"><li>• Benefits of networks</li><li>• Disadvantages of networks.</li></ul>
3-4	Client Server/Peer to Peer: <ul style="list-style-type: none"><li>• Identification of different types of networks</li><li>• Difference between Peer to Peer and Client Server</li><li>• Factors affecting choice of type of network.</li></ul>
5-7	LAN and WAN: <ul style="list-style-type: none"><li>• Difference between the two networks</li><li>• Services provided by each</li><li>• Sketch network topologies</li><li>• Understand each topology.</li></ul>
8-16	Designing Computer Networks: <ul style="list-style-type: none"><li>• Knowledge of components required</li><li>• Specify and justify resources.</li></ul>
17-22	Technical Terms Relating to Networks: <ul style="list-style-type: none"><li>• Types of signals</li><li>• Transmission Media and connectors</li><li>• LAN technologies</li><li>• Protocols.</li></ul>
23-30	Internet Protocol: <ul style="list-style-type: none"><li>• Contents of Header and IP address classes</li><li>• Converting IP addresses</li><li>• IP Addressing.</li></ul>
31-35	Hardware and Software: <ul style="list-style-type: none"><li>• Hardware used on a LAN and WAN</li><li>• Software used on a LAN and WAN.</li></ul>

Hour	Topic
36-39	Safety and Security: <ul style="list-style-type: none"> <li>• Safety procedures</li> <li>• Communications logs.</li> </ul>
40-50	Preparation of notes in response to pre-released tasks in preparation for external assessment.