**Getting to know your Network**

**Outcome 2 Practical Task 3**

1. What are the benefits of using a layered model?

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| It breaks down complexity, makes it easier to troubleshoot and allows different developers’ layers to be integrated and work together. |

1. What is OSI model?

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| Stands for Open Systems Interconnection, is a reference for how layers of a network framework should interact with software and hardware. |

1. What are the seven layers of the OSI model?

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| 1. Physical, Data link, Network, Transport, Session, Presentation and Application. |

1. Identify the layers of the TCP/IP model

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| Application, Transport, Internet, and Network Access. |

1. With reference to networking communications, what is a Protocol?

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| A set of rules defined to enable communication between devices over a network. |

1. What layer of the TCP/IP model is responsible for delivery of data between source and destination?

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| Transport Layer. |

1. From where does your computer obtain its IP address?

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| If dynamically, through a DHCP server, or statically, by a network manager. |