Highfield Level 3 End-point Assessment for ST0973 Information Communications Technician – Network Technician

Mock Assessment Materials

Professional discussion underpinned by portfolio

Core			
Ref	**Pass criteria**	**Achieved**	**Not achieved**
PD1	Explains the principles of system backup/storage. (K1)		
PD2	Describes basic elements of technical documentation, its interpretation, completion and importance in escalation as appropriate. (K2, S8)		
PD3	Identifies and applies the principles of root cause problem solving using fault diagnostic tools and techniques for troubleshooting and rectification'. (K3, S2)		
PD4	Outlines the principles of basic network addressing for example: binary. (K4)		
PD5	Describes the key principles of cloud and cloud-based services. (K5)		
PD6	Analyses the fundamentals and principles of networks and components. (K6, K11)		
PD7	Explains how they interpret and prioritise internal or external customer's requirements in line with organisation's policy. (S1)		
PD8	Outlines the principles of cultural awareness and describes how diversity impacts on delivery of support tasks. (K7)		
PD9	Describes how they apply principles of Continuous Professional Development to support their contribution to delivery of necessary business output and technical developments. (S3)		
PD10	Identifies and applies methods of communication with stakeholders, selecting technical and/or nontechnical language in reflection of the audience to inform progress and escalation and develop and maintain effective working relationships with them'. (K8, S5, S6, B2)		
PD11	Describes different types of maintenance and preventative measures to reduce the incidence of faults. (K9)		

PD12	Explains how they ensure that they operate safely and securely across platforms and responsibilities applying the key principles of security including the role of People, Product and Process in secure systems. (K10, S4)		
PD13	Outlines how they have a basic awareness of legislation in relation to disposal of waste materials for example Waste Electronic and Electrical regulations. (K13)		
PD14	Explains how they manage and prioritise the allocated workload effectively making best use of time and resources. (S7)		
PD15	Explains their approach to work tasks which reflects their own professionalism and use of independent initiative. (B1)		
PD16	Explains how they take a productive and organised approach to their work. (B3)		
PD17	Discusses how they take a self-motivated approach to their work, for example how they manage their own time effectively and take responsibility to complete the job. (B4)		
Ref	**Distinction criteria**	**Achieved**	**Not achieved**
PD18	Reviews the success of root cause problem solving where they have applied fault diagnostics for troubleshooting'. (K3)		
PD19	Evaluates the impact of People, Product and Process on secure systems within their 'organisation'. (K10)		
PD20	Critically analyses their use of tools and techniques to undertake tasks such as installation, maintenance or fault rectification. (S2)		

Network Technician			
Ref	**Pass criteria**	**Achieved**	**Not achieved**
PDN1	Explains the significance of OSI layers. (K24)		
PDN2	Defines the principles of systems and networks including protocols. (K26, K28, K30)		
PDN3	Sets out the approaches to virtualisation of cloud environments, servers, applications and network architectures. (K27, K29)		
PDN4	Explains the principles of API's and Web Services. (K31)		
PDN5	Explains the principles of databases and migration. (K34)		
PDN6	Describes the principles and types of Cloud Storage, Cloud Security and Cloud firewalls. (K32, K35)		

PDN7	Identifies the elements of DevOps methodology and tools, such as Puppet, Chef, Git and Docker. (K36)		
PDN8	Describes the principles of testing and evaluating network environments. (S20)		
PDN9	Explains how they monitor performance and usage of a network. (S21)		
PDN10	Explains how they use Cabling or Connectors equipment in line with technical requirements. (K39, S19)		
Ref	**Distinction criteria**	**Achieved**	**Not achieved**
PDN11	Reviews their approach to testing and, evaluation of network environments. (S20)		