** LEYTON SIXTH FORM COLLEGE – CENTRE NO: 13409**

**DEPARTMENT: COMPUTING AND IT**

**COURSE: BTEC EXTENDED DIPLOMA IN IT - ACADEMIC YEAR 2013-2014**

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| **Student Name: Student ID: Teacher: W Akhtar** | | | | | | | |
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| **Unit No: 5 Unit Name: Managing Networks**  **Internal Verifier: Mrs J Niles Brathwaite Date Verified: 6th September 2013** | | | | | | | |
|  | | | | | | | |
| **Assignment No: 1 of 3 Assignment Title:**  **Assignment Given Out: 9th September 2013 Assignment Submission Date: 11/10/13 Late: Date Handed In:**  **Learning Outcome: LO1 – Know about networking management tools and technologies** | | | | | | | |
| **Task** | **Unit** | **Grading Criteria**  **Reference** | **Grading Criteria** | **Review Date** | **Grade Awarded** | **Date Achieved** | **Page No#** |
| **1** | **5** | **P1** | **Describe network technologies** | **27/09/2013** |  |  |  |
| **2** | **5** | **P2** | **Outline the purpose of networking tools** | **27/09/2013** |  |  |  |
| **3** | **5** | **P3** | **Identify emerging network technologies** | **27/09/2013** |  |  |  |
| **4** | **5** | **M1** | **Describe the potential impact of emerging network technologies** | **27/09/2013** |  |  |  |
|  |  |  |  |  |  |  |  |
| **Assignment Rules:**  Any work submitted after the deadline may not be marked. | | | | | | | |
| **Student declaration**  I declare that all of the work submitted for this assignment is my own work or, in the case of group work, the work of myself and the other members of the group in which l have worked has not been copied from any source. I understand that if any part of the work submitted for this assignment is found to be plagiarised, none of the work submitted will be allowed to count towards the assessment of the assignment.  **Student Signature: Date:** | | | | | | | |

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**ASSESSMENT FEEDBACK FORM**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Unit Number** | **5** | **Unit Title** | | **Managing Networks** | | | |
| **Assignment Title** | **Technologies, tools and emerging technologies.** | | | | **Resubmission Date** |  | |
| **Assignment No.** | **1** | | | |
| **Assessors Feedback (**please be specific, addressing the assessment and grading criteria**)** | | | | | | | |
| **Assessment Criteria to be addressed** | **Feedback from Assessor** | | | | | | **Achieved Yes/No** |
|  |  | | | | | |  |
| **Literacy Skills assessed for development** | | | | | | | |
| **Literacy issue assessed (please circle)** | | | **Comment for development** | | | | |
| **Structure, meaning, punctuation, spelling, referencing, bibliography, plagiarism or specify** | | |  | | | | |

**Signed: Student ………………………………………… Date: …………………….……..**

**Signed: (Assessor) ……………………………………… Date: …………………………..**

**IV Signature: ……………………………………………… Date: ……………………………**

**Unit: 5 Managing Network**

**Assignment 1 Network Managers**

**Scenario – Technologies, Tools and Emerging Technologies**

You are a Network Manager at a large organisation that works in the NHS. You have been asked to develop some training materials for the Junior Network Technicians to enable them to understand the role of the network Manager. In your first series of training materials you will need to:

**Tasks**

1. In a format of your choice for example blog, report or web pages etc. describe different network technologies this should include operating systems; protocols, layout and network devices.

* *Network technologies*: operating systems; protocols; layout; devices
* *Networking operating systems*: examples e.g. Windows, Linux
* *Networking Protocols*: e.g. SNMPv3, ICMP
* *Layout*: e.g. cabling, topologies, wireless
* *Network devices*: servers; workstations; interconnection devices; network cards; vendor specific hardware.

**[P1]**

1. In your article outline the purpose of networking tools; fault management, performance management, HP overview, Cisco works, Wire shark or using system software e.g. to find network assets **[P2]**
2. Add a section that identifies emerging network technologies, (you can also include relatively new technologies such as Wi-Fi). These technologies include server virtualisation, video on demand. **[P3]**
3. Describe the potential impact of the emerging network technologies. Include enhanced capabilities, faster, greater storage capacity, improved control; new work methods: mobile working, home working, web centric applications and ease of use. **[M1]**