D2.1 – Protecting Data 1

Class Tasks

STUDENT WORKSHEET

# Class Task 1 – Permissions and Access

## Question 1.1

What is authentication? (***1 mark***)

## Question 1.2

What are the three most common types of file permissions? (***3 marks***)

## Question 1.3

In a school or college running the BTEC AAQ in IT, what kind of file permissions would a student be expected to have? (**1 mark**)

# Class Task 2 – Backups

## Question 2.1

What is data redundancy? (***1 mark***)

## Question 2.2

What are the drawbacks of maintaining data redundancy? (**3 marks**)

## Question 2.3

## Question 2.4

## Question 2.5

## Question 2.6

## Question 2.7

## Question 2.8

## Question 2.9

## Question 2.10

## Question 2.11

## Question 2.12

## Question 2.13

## Question 2.14

## Question 2.15

## Question 2.16

# Class Task 3 – Passwords and MFA

## Question 3.1

## Question 3.2

## Question 3.3

## Question 3.4

## Question 3.5

## Question 3.6

## Question 3.7

## Question 3.8

## Question 3.9

# Class Task 4 – Biometrics

## Question 4.1

## Question 4.2

## Question 4.3

# Class Task 5 – Physical Access

## Question 5.1

## Question 5.2

## Question 5.3

# Class Task 6 – Digital Certificates

## Question 6.1

## Question 6.2

## Question 6.3

# Exam Style Questions

## Question 1

Explain what is meant by ‘*authorisation*’? (***2 marks***)

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## Question 2

Explain the difference between access rights and access permissions (**2 marks**)

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## Question 3

Explain **one** benefit of having data stored on RAID 0 discs? (***2 marks***)

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## Question 4

## Question 5

## Question 6

## Question 7

## Question 8

## Question 9

## Question 10

## Question 11

## Question 12

## Question 13

## Question 14

## Question 15

## Question 16

## Question 17

## Question 18

## Question 19

## Question 20

## Question 21

## Question 22

## Question 23

*Logo, company name

Description automatically generated*

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