



Please write clearly in block capitals.

Centre number

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Candidate number

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Surname

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Forename(s)

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Candidate signature

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# Level 3 Technical Level ENTERTAINMENT TECHNOLOGY

## Unit 2 Digital Asset Management

Friday 25 January 2019

Afternoon

Time allowed: 2 hours

### Materials

For this paper you must have:

- pens
- pencils
- simple drawing instruments
- scientific calculator (non-programmable).

### Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

### Information

- The marks for questions are shown in brackets.
- There are two sections in this paper.
- Both sections should be attempted.
- The maximum mark for this paper is 80. There are 50 marks for **Section A** and 30 marks for **Section B**.
- Candidates should spend approximately 60 minutes on **Section A** and 60 minutes on **Section B**.

### Advice

Please read each question carefully before starting.

For Examiner's Use	
Question	Mark
01–08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
<b>TOTAL</b>	



J A N 1 9 T 5 0 7 6 6 1 1 0 1

IB/M/Jan19/E6

**T/507/6611**

**Section A**Answer **all** questions in this section.**Total for this section: 50 marks**Tick (✓) the box next to the correct answer for questions **01** to **08**.**0 1**Which **one** of the following is **not** a type of data storage media?**[1 mark]****A** Flash**B** MTBF**C** Optical disk**D** Tape**0 2**Which **one** of the following is considered a type of work under Ownership and Copyright legislation?**[1 mark]****A** Attribution**B** Broadcast**C** File sharing**D** Repository

0 3

Which **one** of the following is an open source method commonly used for audio compression?

**[1 mark]**

A Longevity

B Vorbis

C VP8

D SCSI

0 4

Which scenario is most likely to result in having to replace all the hardware that stores data?

**[1 mark]**

A An attack by a hacker.

B A power cut.

C A severe fire.

D Industrial action by employees.

0 5

Which **one** is a distributed type of version control?

**[1 mark]**

A CVS

B GIT

C RCS

D SVN

**Turn over ►**

0 6

Which **one** of the following is a raster graphics file format?

**[1 mark]**

A ASCII

B Graphics Interchange Format

C LaTeX

D Open Document Drawing

0 7

Which **one** of the following is a cumulative backup of all changes made since the last full backup?

**[1 mark]**

A Differential

B Incremental

C MTBF

D Unstructured

0 8

Which of the following is **not** a feature of digital rights management?

**[1 mark]**

A Code that automatically updates to the latest version.

B Code that dictates the number of devices on which the media can be installed.

C Code that prevents copying.

D Code that specifies a time period in which content can be accessed.

8



0 9

Standard bodies exist to encourage interoperability.

0 9 . 1

Explain the term 'interoperability'.

[2 marks]

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0 9 . 2

Name **two** standard bodies and for each one describe their function.

[4 marks]

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6

Turn over for the next question

Turn over ►



1 0 . 1

Describe **three** benefits of using a version control system.

[3 marks]

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1 0 . 2

Describe **three** characteristics of a distributed version control system.

[3 marks]

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**6**



1 1

Explain the following terms in relation to version control.

1 1 . 1

Forking

[3 marks]

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1 1 . 2

A pull request

[3 marks]

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6

Turn over for the next question

Turn over ►



1 2 . 1

Explain **three** benefits of using remote backup as part of a data backup strategy.

**[3 marks]**

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1 2 . 2

Explain the term 'recovery time objective'.

**[3 marks]**

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**6**





1 3

Describe **one** method to reduce the loss of data for each of the following.

1 3 . 1

Unintentional action

[2 marks]

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1 3 . 2

Crime

[2 marks]

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1 3 . 3

System failure

[2 marks]

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6

Turn over for the next question

Turn over ►



1 4

The concept of 'fair use' exists within UK copyright law.

1 4 . 1

State **three** types of work that are covered by copyright law.

[3 marks]

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1 4 . 2

Explain the term 'fair use' in this context.

[3 marks]

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6



1 5

Describe the main features of the following in relation to the Creative Commons license.

1 5 . 1

Attribution

[2 marks]

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1 5 . 2

Share-alike (copyleft)

[2 marks]

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1 5 . 3

Non-commercial

[2 marks]

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6

Turn over for the next question

Turn over ►









1 7 . 2

Dinah wants to save the final production as an MP4.

Suggest why she would decide to use this option.

**[3 marks]**


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1 7 . 3

Before the development of computer-based tools, Dinah would have had to use alternative methods to promote the product. This might have been to produce an advert for TV or create a poster, and this would have required assets being stored in non-digital form.

Complete column 3 in the table below to explain a potential problem of each asset storage method.

**[4 marks]**

Asset	Storage method	Potential problem
Drawings	Paper in folders	
Songs	Vinyl	
Photographs	Camera film	
Video	VHS cassette	

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**END OF QUESTIONS**

**There are no questions printed on this page**

**DO NOT WRITE ON THIS PAGE  
ANSWER IN THE SPACES PROVIDED**

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