



Please write clearly in block capitals.

Centre number

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Candidate number

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Surname

Forename(s)

Candidate signature

Level 3 Technical Level Entertainment Technology DIGITAL ASSET MANAGEMENT

Unit T/507/6611

Tuesday 27 June 2017

Morning

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

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

Advice

- Please read each question carefully before starting.

For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
2	
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17	
TOTAL	



J U N 1 7 T 5 0 7 6 6 1 1 0 1

G/TI/Jun17/E3

T/507/6611

Section AAnswer **all** questions in this section.**Total for this section: 50 marks**In the multiple choice questions, only **one** answer per question is allowed.

For each question completely fill in the circle alongside the appropriate answer.

CORRECT METHOD



WRONG METHODS



If you want to change your answer you must cross out your original answer as shown.



If you wish to return to an answer previously crossed out, ring the answer you now wish to select as shown.

**0 1**Which one of these compression algorithms is **not** lossy?**A** H.264 encoding☐**B** Lempel-Ziv encoding☐**C** MP3 encoding☐**D** JPG encoding☐**[1 mark]****0 2**

Which compression algorithm is used for encoding GIF images?

A LZW☐**B** RLE☐**C** PNG☐**D** Neville-Manning☐**[1 mark]**

0 3

Which of these file formats would be appropriate for displaying charts in a web browser?

A PNG

☐

B TEX

☐

C XML

☐

D AAC

☐

[1 mark]

0 4

Which one of these file formats is **not** lossy?

A AAC

☐

B MP3

☐

C FLAC

☐

D JPG

☐

[1 mark]

0 5

How do you change the contents of a Git repository for which you are not the owner?

A Fork the repository

☐

B Push the repository

☐

C Submit a branch request

☐

D Submit a pull request

☐

[1 mark]

Turn over ►



0	6
---	---

Which one of these statements is **false**?

- A** Git operates on a distributed model
- B** Git repositories may be hidden from public view
- C** Git is a distributed revision control system
- D** Git requires at least two computers to operate

☐☐☐☐

[1 mark]

0	7
---	---

In a game development studio, failure of backup is most likely to:

- A** damage production data
- B** make repository data unavailable
- C** increase the risk of losing data
- D** corrupt information about day-to-day operations

☐☐☐☐

[1 mark]

0	8
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What does MTBF mean?

- A** Maximum time before failure
- B** Mean time between failure
- C** Maximum time between failure
- D** Minimum time before failure

☐☐☐☐

[1 mark]

8



0	9
---	---

0	9	.	1
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Write the number of characters in the word

Disproportionate

as a decimal constant, a binary constant and a hexadecimal constant.

[3 marks]

Decimal: _____

Binary: _____

Hexadecimal: _____

0	9	.	2
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Write the number of characters in the phrase

To be or not to be? That is the question.

as a decimal constant, a binary constant and a hexadecimal constant.

[3 marks]

Decimal: _____

Binary: _____

Hexadecimal: _____

Working area for Question 9



[6 marks]

[illegible]

6



1	4
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As part of their induction, a new employee has been given the job of investigating the live code base, making recommendations to improve it and then implementing those recommendations, ready for inclusion. The code base is kept in a Git repository.

Describe the operations the employee would carry out on the repository to complete this task, detailing the appropriate commands.

As a reference, the most relevant git commands are config, init, clone, add, commit, status, checkout, merge, pull, push, and diff.

[6 marks]

6



Handwriting practice area with 25 horizontal lines.



[illegible]

There are no questions printed on this page

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

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