

## Part A: Theory (25%)

### Section 1 | Music Production Terminology

Total marks for this section: 10

Mark:

Q 1.01 | You are working in a professional studio, and have the choice of two FX units. One has TS jack outputs and the other has XLR outputs. All else being equal, which is more likely to provide the better quality signal?

1

Your answer: .....

---

Q 1.02 | What is the name given to the process of improving something by 1% at a time?

1

Your answer: .....

---

Q 1.03 | What is the primary advantage of MP3 over Wav?

1

Your answer: .....

---

Q 1.04 | What is the difference between MP3 and FLAC?

1

Your answer: .....

---

Q 1.05 | What device could you use between a balanced and unbalanced device to match the level and impedance?

1

Your answer: .....

---

Q 1.06 | Name an advantage that digital connectivity has over analogue:

 1

Your answer: .....

.....

Q 1.07 | Why was the analogue to digital converter so key in the advancement of recording?

 1

Your answer: .....

.....

Q 1.08 | How did the Internet change the way we buy music?

 1

Your answer: .....

.....

Q 1.09 | Following a bad take, name one way you could achieve a better vocal production:

 1

Your answer: .....

.....

Q 1.10 | Name one advantage that the introduction of the DAW gave to electronic music production:

 1

Your answer: .....

.....

## Section 2: Sound & Audio Fundamentals

Total marks for this section: 10

Mark:

Q 2.01 | Which microphone technique would provide a wide stereo image?

1

Your answer: .....

-----

Q 2.02 | Which microphone technique would provide a close, detailed, intimate recording with very little room sound?

1

Your answer: .....

-----

Q 2.03 | Name one advantage of 'comping' vocals:

1

Your answer: .....

.....

.....

-----

Q 2.04 | Why might you choose to re-record a vocal, rather than use a comping technique?

1

Your answer: .....

.....

-----

Q 2.05 | Why might you choose to use samples rather than record real musicians?

1

Your answer: .....

.....

-----

Q 2.06 | Which will sound more natural – a guitar recording or a programmed guitar part?

 

Your answer: .....

Q 2.07 | Name a software package that is used for professional mastering:

 

Your answer: .....

Q 2.08 | What equipment would you need to 're-amp' a guitar recording?

 

Your answer: .....

Q 2.09 | What is diffusion?

 

Your answer: .....

.....

.....

Q 2.10 | What material can be used in a wooden frame to make an absorption panel?

 

Your answer: .....

## Section 3: Glossary

Total marks for this section: 5

Mark:

Q 3.01 | In a DAW what is a buffer?

1

*Your answer:* .....

.....

.....

---

Q 3.02 | What is 'comp' short for?

1

*Your answer:* .....

---

Q 3.03 | In audio terms, what does 'dry' mean?

1

*Your answer:* .....

.....

.....

---

Q 3.04 | Who discovered the precedence effect?

1

*Your answer:* .....

---

Q 3.05 | What is MTC short for?

1

*Your answer:* .....

---

Part B: Listening (15%)Section 4: Listening Skills

Total marks for this section: 15

Mark: 

You have been provided with a selection of audio files to enable you to answer the following questions.

Q 4.01 | Which of the following solo recordings has been converted from a low resolution MP3 file?  
(Audio file *EXLSG8SF1.wav*)(Tick one box)

 3 A B

Q 4.02 | Which of the following full mixes has been converted from a low resolution MP3 file?  
(Audio file *EXLSG8SF2.wav*)(Tick one box)

 3 A B

Q 4.03 | Both of the following WAV files have been converted from MP3. One was converted from a rate of 128Kbps and the other from a rate of 320Kbps MP3. Which one was converted from a rate of 128Kbps? (Audio file *EXLSG8SF3.wav*)(Tick one box)

 3 A B

Q 4.04 | Identify the following mode of the major scale: (Audio file *EXLSG8H1.mp3*)(Tick one box)

 1 Ionian Dorian Lydian Mixolydian Aeolian



Q 4.05 | Identify the following mode of the major scale: (Audio file [EXLSG8H2.mp3](#))(Tick one box)

  1

- Ionian
  - Dorian
  - Lydian
  - Mixolydian
  - Aeolian
- 

Q 4.06 | In which time signature is the following drum groove? (Audio file [EXLSG8R1.mp3](#))(Tick one box)

  1

- $\frac{3}{4}$
  - $\frac{5}{4}$
  - $\frac{7}{8}$
- 

Q 4.07 | In which time signature is the following drum groove? (Audio file [EXLSG8R2.mp3](#))(Tick one box)

  1

- $\frac{3}{4}$
  - $\frac{5}{4}$
  - $\frac{7}{8}$
- 

Q 4.08 | In which genre would you classify the following audio clip? (Audio file [EXLSG8SA1.mp3](#))  
(Tick one box)

  2

- House
  - Techno
  - Rock
  - Dubstep
-