

Grade 4 | Sample Paper

Part A: Theory (25%)

Section 1 | Music Production Terminology

Total marks for this section: 10

Mark:

Q 1.01 | Which control on a compressor adjusts the level at which the compressor starts to react?

1

Your answer:

Q 1.02 | Which control on a noise gate controls how quickly the gate opens?

1

Your answer:

Q 1.03 | What name is given to any arrangement of three or more speakers, arranged around the listener?

1

Your answer:

Q 1.04 | Which popular surround format uses 8 speakers?

1

Your answer:

Q 1.05 | What name is given to the wireless data transfer system which allows computers, phones and other smart devices to transfer data to each other?

1

Your answer:

Q 1.06 | What is RF?

1

Your answer:

Q 1.07 | What name is given to the process of copying your files to an additional storage location?

 1

Your answer:

Q 1.08 | Why should you backup your audio files?

 1

Your answer:

Q 1.09 | What name is given to an optional piece of software which can be added to the signal path in a DAW, offering compression, EQ and other effects?

 1

Your answer:

Q 1.10 | What does AFL stand for?

 1

Your answer:

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Section 2: Sound & Audio Fundamentals

Total marks for this section: 10

Mark:

Q 2.01 | Which stereo microphone technique requires two cardioid microphones placed with adjacent capsules at a 90–130 degree angle?

1

Your answer:

Q 2.02 | Which polar pattern accepts sound equally from all directions?

1

Your answer:

Q 2.03 | What does NLE stand for?

1

Your answer:

Q 2.04 | What name is given to the editing process which makes permanent changes to the original recorded music?

1

Your answer:

Q 2.05 | What name is given to a type of plugin which enables the user to create sound?

1

Your answer:

Q 2.06 | What is the difference between a software instrument and a soft synth?

1

Your answer:

Q 2.07 | What name is given to the process of sending a signal from a compressor for further processing in order to change the way the compressor reacts?

	1
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Your answer:

Q 2.08 | What does the key listen function on a gate do?

	1
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Your answer:

Q 2.09 | How does sound move through the air?

	1
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Your answer:

Q 2.10 | What happens to the air in front of a speaker cone when it is moving outwards?

	1
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Your answer:

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Section 3: Glossary

Total marks for this section: 5

Mark:

Q 3.01 | Which type of connector is used for 8 channels of balanced analogue audio?

1

Your answer:

Q 3.02 | What name is given to the rate at which something vibrates?

1

Your answer:

Q 3.03 | What does MADI stand for?

1

Your answer:

Q 3.04 | What does MS stand for?

1

Your answer:

Q 3.05 | Which manufacturer makes the U87 microphone?

1

Your answer:

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

Total marks for this section: 15

Mark:

Q 4.01 | In audio example EXLSG4SF1.wav you will hear two solo instrument recordings. Which one features the heaviest compression use? (*Tick one box*)

 3 A B

Q 4.02 | In audio example EXLSG4SF2.wav you will hear two full mix recordings. Which one features the heaviest compression use? (*Tick one box*)

 3 A B

Q 4.03 | In audio example EXLSG4SF3.wav, which audio clip features compression being controlled by a sidechain? (*Tick one box*)

 3 A B

Q 4.04 | In audio example EXLSG4H1.mp3 you will hear a melodic phrase played on the piano. Identify whether the phrase is made up of either: (*Tick one box*)

 1 Semitones Whole tones

Q 4.05 | In audio example EXLSG4H2.mp3 you will hear a melodic phrase played on the piano. Identify whether the phrase is made up of either: (*Tick one box*)

 1 Semitones Whole tones

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Q 4.06 | Identify the time signature of the drum groove in audio example EXLSG4R1.mp3: *(Tick one box)*

	1
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$\frac{3}{4}$

$\frac{4}{4}$

$\frac{12}{8}$

Q 4.07 | Identify the time signature of the drum groove in audio example EXLSG4R2.mp3: *(Tick one box)*

	1
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$\frac{3}{4}$

$\frac{4}{4}$

$\frac{12}{8}$

Q 4.08 | In which genre would you classify audio example EXLSG4SA1.mp3? *(Tick one box)*

	2
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Country

Pop

Funk

Blues
