

Grade 5 | Sample Paper

Part A: Theory (25%)

Section 1 | Music Production Terminology

Total marks for this section: 10

Mark:

Q 1.01 | What function of a mixing desk would you use to send signal to a DAW?

1

Your answer:

Q 1.02 | How would you connect a compressor to a channel of a hardware mixer so that it affects the whole signal?

1

Your answer:

Q 1.03 | What is the standard bit depth for CD quality?

1

Your answer:

Q 1.04 | What was the name given to the revised version of a CD which provided more storage capacity using dual layers?

1

Your answer:

Q 1.05 | What is the name given to the part of a studio which contains all the inputs and outputs of all the devices in one rack?

1

Your answer:

Q 1.06 | What is it called on a patch bay when the top socket is automatically connected to the bottom socket unless you connect a cable to break the link?

 1

Your answer:

Q 1.07 | What does LAN stand for?

 1

Your answer:

Q 1.08 | How fast is 1000Base-T Ethernet?

 1

Your answer:

Q 1.09 | What are auxiliary sends called in a DAW?

 1

Your answer:

Q 1.10 | In a DAW, what is an auxiliary channel?

 1

Your answer:

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Section 2: Sound & Audio Fundamentals

Total marks for this section: 10

Mark:

Q 2.01 | You are close miking a drum kit. Where would you place the microphone to record the kick drum to achieve a solid, 'clicky' sound?

1

Your answer:

.....

Q 2.02 | Should you use a dynamic or condenser microphone inside a kick drum?

1

Your answer:

Q 2.03 | What is multitrack recording?

1

Your answer:

.....

Q 2.04 | Name a disadvantage of multitrack recording compared to one take recording.

1

Your answer:

.....

Q 2.05 | What would you use a controller keyboard for?

1

Your answer:

.....

.....

Q 2.06 | What would you use electronic drums for?

 1

Your answer:

.....

Q 2.07 | What does PCM stand for?

 1

Your answer:

.....

Q 2.08 | What is bit depth?

 1

Your answer:

.....

Q 2.09 | What is constructive interference?

 1

Your answer:

.....

Q 2.10 | What is caused when the dimensions of a room are a multiple of the wavelength?

 1

Your answer:

.....

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Section 3: Glossary

Total marks for this section: 5

Mark:

Q 3.01 | What is it called when ghost frequencies are created when a PCM system attempts to reproduce a frequency that is too high?

1

Your answer:

Q 3.02 | What is the name given to something that takes a chord and plays the notes sequentially?

1

Your answer:

Q 3.03 | Name the counting system that uses '1's and '0's.

1

Your answer:

Q 3.04 | What name is given to a problem which results from inaccuracies in the PCM process caused by a poor time clock in the digital system?

1

Your answer:

Q 3.05 | What does LFE stand 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 | Listen to audio example **EXLSG5SF1.wav** and identify which solo instrument recording features an unpleasant resonant frequency: *(Tick one box)*

 3 A B

Q 4.02 | Listen to audio example **EXLSG5SF2.wav** and identify which full mix features an unpleasant resonant frequency: *(Tick one box)*

 3 A B

Q 4.03 | In audio example **EXLSG5SF3.wav** you will hear a sine wave. In which frequency band does it belong? *(Tick one box)*

 3 60–90hz 250–500hz 3000–5000hz

Q 4.04 | Identify the piano chord played in audio example **EXLSG5H1.mp3**: *(Tick one box)*

 1 Major 7 Minor 7 Dominant 7

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Q 4.05 | Identify the piano chord in audio example **EXLSG5H2.mp3**: *(Tick one box)*

 1

- Major 7
 - Minor 7
 - Dominant 7
-

Q 4.06 | In audio example **EXLSG5R1.mp3** you will hear two drum grooves. Which one is playing with a swung/shuffle feel? *(Tick one box)*

 1

- A
 - B
-

Q 4.07 | In audio example **EXLSG5R2.mp3** you will hear two drum grooves. Which one is playing with a swung/shuffle feel? *(Tick one box)*

 1

- A
 - B
-

Q 4.08 | In which genre would you classify audio example **EXLSG5SA1.mp3**? *(Tick one box)*

 2

- Blues
 - Jazz
 - Hip Hop
 - Funk
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