

Question 1

This question is concerned with concepts that affect the sound of an instrument when recorded.

a) Listen to this excerpt of music. Which concept is present on the Bass Guitar? The music will be played **once** only. Tick **one** box. **Here is the music.**

1

- Chorus
- Gated Reverb
- Noise Gate
- Wah Wah

2

b) Listen to this excerpt of music. Which two concepts are present on the Synthesiser? The music will be played **once** only. Tick **two** boxes. **Here is the music.**

- Delay
- Noise Gate
- Panning
- Reverberation
- Sibilance

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c) Listen to this excerpt of music. Which concept is present on the Electric Guitar? The music will be played **once** only. Tick **one** box. **Here is the music.**

1

- Chorus
- Delay
- Feedback
- Compression

d) Listen to this excerpt of music. Which two concepts are present on the Synthesiser? The music will be played **once** only. Tick **two** boxes.

2

- Chorus
- Distortion
- Noise Gate
- Wah Wah
- Reverb

1

e) Listen to this excerpt of music. Which concept is present on the Drum Kit. The music will be played **once** only. Tick **one** box.

Here is the music.

- Chorus
- Delay
- Panning
- Compression

2

f) Listen to this excerpt of music. Which two concepts are present on the Electric Guitar? The music will be played **once** only. Tick **two** boxes.

Here is the music.

- Chorus
- Delay
- Panning
- Noise Gate
- Compression

Question 2

a) This question is concerned with comparing different mixes of a song.

Listen to two mixes of the same piece. In the second mix two things have changed. You must decide which two.

2

You will hear both versions twice. Read through the list of possible changes.

Now tick 2 boxes

- The balance has been altered
- Chorus has been applied
- The drums have been panned to the right
- There has been an EQ cut applied
- Noise gate has been applied to the drum kit.

b) Listen to two mixes of the same piece. In the second mix two things have changed. You must decide which two.

2

You will hear both versions twice. Read through the list of possible changes.

Now tick 2 boxes.

- The track has been compressed
- Delay has been applied
- There has been an EQ Boost applied
- The bass has been removed
- The reverberation levels have been increased

c) Listen to two mixes of the same piece. In the second mix two things have changed. You must decide which two.

2

You will hear both versions twice. Read through the list of possible changes.

Now tick 2 boxes.

- The bass has been removed
- The track has been faded out
- The reverberation levels have been increased
- Equalisation has been altered during the track
- The drums have been panned to one side

Question 3

a) Listen to this excerpt of music. Which concept is present on the Electric Drum Kit. The music will be played **once** only. Tick **one** box.

1

- Noise Gate
- Chorus
- High EQ Cut
- Delay

1

b) Listen to this excerpt of music. Which concept is present on the Lead Vocal. The music will be played **once** only. Tick **one** box.

- Compression
- Gated Reverb
- Mid EQ Boost
- Delay

1

c) Listen to this excerpt of music. Which concept is present on the Electric Guitar. The music will be played **once** only. Tick **one** box.

- Compression
- Chorus
- Mid EQ Boost
- Wah Wah

Question 4a)

In this question you will hear a version of the song 'Birds of a Feather' by Vulfpeck. You are asked to identify how each of the five mix elements (instruments/voice) are treated with EQ and effects.

5

Listen now to a full band dry mix (without any controls or effects applied), then a full band wet mix (with controls and effects applied).

You will now have **one** minute to read through the question.

You will hear each element separately. As you listen, complete the table below using the following list of controls and effects:

- Noise Gate
- Envelope Filter
- Chorus
- Delay
- Low EQ Boost

Now listen carefully to:

- Drum kit (dry then wet)
- Bass Guitar (dry then wet)
- Electric Piano (dry then wet)
- Clavinet (dry then wet)
- Lead Vocals (dry then wet)

Each control or effect is only used once.

Instrument	Control or Effect
Drum kit	Click or tap here to enter text.
Bass Guitar	Click or tap here to enter text.
Electric Piano	Click or tap here to enter text.
Clavinet	Click or tap here to enter text.
Lead Vocals	Click or tap here to enter text.

Question 4b)

In this question you will hear a version of the song 'Mr Brightside' by the Killers. You are asked to identify how each of the five mix elements (instruments/voice) are treated with EQ and effects.

Listen now to a full band dry mix (without any controls or effects applied), then a full band wet mix (with controls and effects applied).

You will now have **one** minute to read through the question.

You will hear each element separately. As you listen, complete the table below using the following list of controls and effects:

- Reverb
- High EQ Boost
- Chorus
- Noise Gate
- Compression

Now listen carefully to:

- Drum kit (dry then wet)
- Bass Guitar (dry then wet)
- Synthesizer (dry then wet)
- Electric Guitar dry then wet)
- Lead Vocals (dry then wet)

Each control or effect is only used once.

Instrument	Control or Effect
Drum kit	Click or tap here to enter text.
Bass Guitar	Click or tap here to enter text.
Synthesizer	Click or tap here to enter text.
Electric Guitar	Click or tap here to enter text.
Lead Vocals	Click or tap here to enter text.

Question 5a)

Most microphones are either Dynamic or Condenser in design.

For each of the applications below, write in the box provided the type of microphone that would be the most appropriate one to choose (each one can be used more than once).

5

Acoustic Guitar

Click or tap here to enter text.

Live Vocalist in a rock band

Click or tap here to enter text.

Violin

Click or tap here to enter text.

Bass Drum

Click or tap here to enter text.

Overhead for drum kit

Click or tap here to enter text.

b) Two common ways of using Equalisation are to **Boost EQ** and **Cut EQ**.

For each of the applications below, write in the box provided the type that would be the most appropriate one to choose (each one can be used more than once).

4

Enhancing Vocals in a mix

Click or tap here to enter text.

Minimising the effects of mains hum

Click or tap here to enter text.

Reducing effect of tape hiss

Click or tap here to enter text.

Adding some punch to a bass drum

Click or tap here to enter text.

Question 4c)

5

Two common dynamic processors used in recording are the COMPRESSOR & the NOISE GATE.

For each of the applications below, write in the box provided the type that would be the most appropriate one to choose (each one can be used more than once).

Keeping the levels of the Bass Guitar even

Click or tap here to enter text.

To minimise spillage between microphones

Click or tap here to enter text.

To ensure the stereo mix has an even output

Click or tap here to enter text.

To produce a Gated Reverb effect

Click or tap here to enter text.

To minimise background noise when using microphones

Click or tap here to enter text.