

**2004 Music**

**Intermediate 2 – Sound Engineering & Production**

**Finalised Marking Instructions**

**SECTION 1**

*Marks*

In this section the questions are related to specific concepts which feature in excerpts of recorded music.

**QUESTION 1**

(a) Listen to this excerpt of music. Which process has been used on the guitar?

Tick **one** box.

- Distortion
- Fade out
- Panning
- Feedback

**1**

(b) Listen to this excerpt of music. Which process has been used on the percussion?

Tick **one** box.

- Popping
- Distortion
- Panning
- Feedback

**1**

(c) Listen to this excerpt of music. Which process has been used to improve the recording?

Tick **one** box.

- Panning
- Reverberation
- Hiss
- Distortion

**1**

**QUESTION 1 (continued)**

*Marks*

- (d) Listen to this excerpt of music and tick **one** box to indicate which technique you are hearing.

- Fade in
- Fade out
- Sibilance
- Popping

**1**  
**(4)**

**QUESTION 2**

- (a) This question is concerned with comparing different mixes of the same song. Listen to two mixes of the same piece. In the second mix **two** things have changed. You must decide which two. You will hear both versions twice.

Here is the first version for the first time.

Here is the second version for the first time.

Here is the first version for the second time.

Here is the second version for the second time.

Now tick **two** boxes.

- The reverberation time has been reduced.
- The drums have been panned to one side.
- The keyboard is missing.
- The track has been faded out.
- The drums have had equalisation applied to them.

**2**

- (b) This question is concerned with the number of tracks used in a mixdown.

You now have twenty seconds to read over the question.

Listen to the following two excerpts and tick the correct statement.

Here is the first excerpt. Here is the second excerpt.

Now tick **one** box.

- Both excerpts were recorded in stereo.
- Both excerpts were recorded in mono.
- The first excerpt was recorded in stereo and the second in mono.
- The first excerpt was recorded in mono and the second in stereo.

**1**  
**(3)**

### QUESTION 3

Marks

This question is concerned with a production fault on a recording.

Listen to the excerpt and tick **two** boxes, one in **Column A** to describe the fault and one in **Column B** to identify a possible solution.

#### Column A

- Too much reverberation
- Popping on vocals
- Signal is distorted
- Sound separation is poor

#### Column B

- Fade in
- Use a windshield
- Reduce reverberation time
- Equalisation

(2)

### QUESTION 4

This question is concerned with comparing different mixes of the same song.

You now have thirty seconds to read over the question.

Listen to two mixes of the same piece. In the second mix the balance between drums, voice and guitar has changed.

You should place one tick opposite each instrument to indicate which excerpt has the better balance.

You will hear both versions twice.

Here is the first version for the first time.

Here is the second version for the first time.

Here is the first version for the second time.

Here is the second version for the second time.

Now tick **two** boxes, **one** box for the balance of the guitar and **one** box for the balance of the drums.

Guitar in relation to drums       First excerpt       Second excerpt

Voice in relation to drums       First excerpt       Second excerpt

(2)

## QUESTION 5

*Marks*

This question is concerned with comparing different mixes of the same song.

Listen to two mixes of the same piece. In the second mix **two** things have changed. You must decide which two. You will hear both versions twice.

Here is the first version for the first time.

Here is the second version for the first time.

Here is the first version for the second time.

Here is the second version for the second time.

Now tick **two** boxes.

- The reverberation time has been increased.
- The drums are missing.
- The keyboard has been panned in the centre.
- The vocal is distorted.
- The track has been faded in.

(2)

**Total marks Section 1: (13)**

[END OF SECTION 1]

*YOU NOW HAVE 30 MINUTES TO ANSWER THE QUESTIONS IN SECTION 2.*

*A WARNING TONE WILL SOUND **TWO MINUTES** BEFORE THE END OF THE EXAMINATION.*

## SECTION 2

Marks

In this section the questions are related to the principles and practices of sound engineering and production. There are **no** excerpts of recorded music. Read the questions carefully before answering them.

### QUESTION 6

- (a) Which of the following could be used to allow you to communicate with performers in a separate room?

Tick **one** box.

- Noise reduction
- Talkback
- Feedback
- Boom stand

1

- (b) When adding reverberation using an external reverberation unit to a recording the signal must be routed from the mixing desk through to the effects device.

Tick **one** box to indicate the term used for the control which sets the level on the mixing desk of the signal going to the effects device.

- Foldback
- Auxiliary/effects return
- Auxiliary/effects send
- Noise reduction

1  
(2)

### QUESTION 7

Which of the following concepts is sometimes used to ensure that all the performers begin together?

Tick **one** box.

- Introduction
- Chorus
- Middle-eight
- Count-in

(1)

**QUESTION 8***Marks*

It is proving difficult to record a vocalist because of the loud noises that are occurring when the singer sings a word beginning with the letter “P”.

Tick **one** box in **Column A** to identify the problem and **one** box in **Column B** to identify its solution.

**Column A**

- Signal too low
- Too much equalisation
- Sibilance
- Popping

**Column B**

- Use a windshield (popshield)
- Use direct injection
- Use reverberation
- Use headphones

**(2)****QUESTION 9**

Which two of the following will help to capture the sound of individual instruments with the minimum of sound spillage?

Tick **two** boxes.

- Direct injection
- Foldback
- Auxiliary return
- Sound separation
- Count-in

**(2)****Total marks Section 2: (7)**

[END OF SECTION 2]

[END OF MARKING INSTRUCTIONS]