

## **2006 Music**

### **Intermediate 2 – Sound Engineering and Production**

#### **Finalised Marking Instructions**

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## SECTION 1

*Marks*

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

### QUESTION 1

- (a) Listen to this excerpt of music. Which two concepts are present on the keyboard?

Tick **two** boxes.

- Fade in
- Popping
- Feedback
- Sibilance
- Panning

2

- (b) Listen to this excerpt of music. Which term best describes the sound of the piano on this recording?

Tick **one** box.

- Hiss
- Wet
- Feedback
- Dry

1

- (c) Listen to this excerpt of music. Which concept is present on this recording?

Tick **one** box.

- Hiss
- Session log
- Fade out
- Fade in

1

**(4)**

## QUESTION 2

*Marks*

- (a) Listen to this excerpt and tick **one** box to indicate which term describes the process you are hearing.

Now tick **one** box.

- Equalisation
- Fade out
- Panning
- Fade in

**1**

- (b) 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 bass has been removed.
- The track has been faded in.
- The reverberation levels have been increased.
- The brass section has been panned to one side.
- The keyboard has been removed.

**2**

**(3)**

### QUESTION 3

*Marks*

This question is concerned with a production fault on the stereo master of a recording. Listen to the excerpt and tick **one** box in **Column A** to describe the fault and **one** box in **Column B** to identify a possible solution.

Now tick **one** box in each column.

#### Column A

The signal is distorted.

There is too much treble.

The level is too low.

One channel is missing.

#### Column B

Check leads to and from the recorders.

Increase recording levels.

Increase auxiliary send level.

Decrease the reverberation.

**2**

### QUESTION 4

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

Listen to the 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 levels have been decreased.

The bass has been removed.

The track has been faded in.

The drums have been panned to one side.

The balance has been altered.

**2**

**QUESTION 5***Marks*

- (a) Listen to two mixes of the same piece. You must decide what is missing from the second mix.

Here is the first version.

Here is the second version.

Now tick **one** box.

- Drums  
 Guitar  
 Keyboards  
 Bass Guitar

**1**

- (b) Listen to the following two excerpts and tick the correct statement.

You now have twenty seconds to read over the question.

Here is the first excerpt.

Here is the second excerpt.

Now tick **one** box.

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

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

[END OF SECTION 1]

*YOU NOW HAVE 15 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

Which of the following can **not** be used to control the level of a track?

Tick **one** box.

- Mute
- Fader
- Meter
- Gain

1

### QUESTION 7

What is the name given to the monitoring system used to listen to previously recorded tracks when overdubbing?

Tick **one** box.

- Feedback
- Auxiliary return
- Foldback
- Effects send

1

### QUESTION 8

While making a recording of a vocalist the “S” sounds from the singer are very prominent.

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

#### Column A

- Feedback
- Distortion
- Sibilance
- Foldback

#### Column B

- Add reverberation
- Position microphone differently
- Pan signal left
- Use direct injection

2

**QUESTION 9***Marks*

Tick **one** box to indicate the term used for the control which sets the level on the mixing desk of the signal coming back from an external reverberation unit.

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

**1****QUESTION 10**

When recording a drum kit it is noticed that the microphones are also picking up a lot of other instruments.

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

**Column A****Column B**

- |  |  |
|--|--|
| <input type="checkbox"/> Popping                   | <input type="checkbox"/> Use a windshield (popshield)    |
| <input checked="" type="checkbox"/> Sound spillage | <input type="checkbox"/> Use headphones                  |
| <input type="checkbox"/> Overload                  | <input type="checkbox"/> Turn the levels down            |
| <input type="checkbox"/> Foldback                  | <input checked="" type="checkbox"/> Use sound separation |

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

[END OF SECTION 2]

[END OF MARKING INSTRUCTIONS]