



B O A R D O F S T U D I E S
NEW SOUTH WALES

2011

**HIGHER SCHOOL CERTIFICATE
EXAMINATION**

Entertainment Industry

General Instructions

- Reading time – 5 minutes
- Working time – 2 hours
- Write using black or blue pen
Black pen is preferred
- Board-approved calculators may be used
- Write your Centre Number and Student Number at the top of pages 9 and 11

Total marks – 80

Section I Pages 2–7

15 marks

- Attempt Questions 1–15
- Allow about 20 minutes for this section

Section II Pages 9–13

35 marks

- Attempt Questions 16–20
- Allow about 50 minutes for this section

Section III Page 15

15 marks

- Attempt Question 21
- Allow about 25 minutes for this section

Section IV Page 16

15 marks

- Attempt Question 22
- Allow about 25 minutes for this section

Section I

15 marks

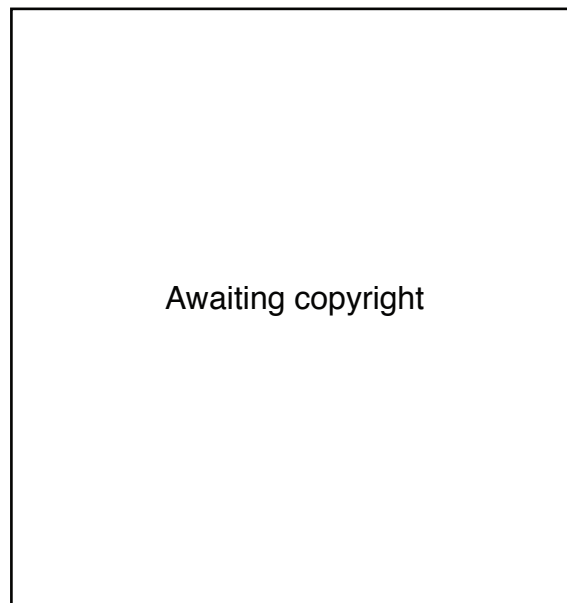
Attempt Questions 1–15

Allow about 20 minutes for this section

Use the multiple-choice answer sheet for Questions 1–15.

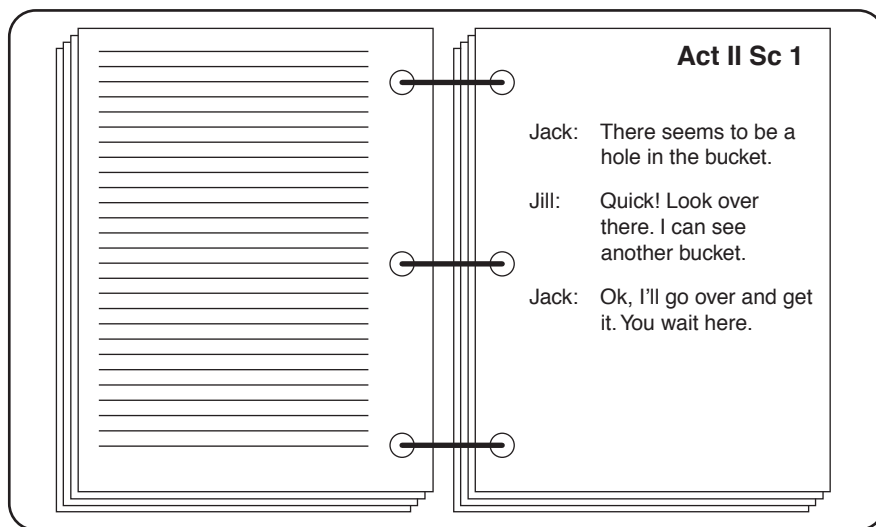
- 1 Why do crew members wear black clothing when working in the theatre?
- (A) It is a union requirement for all crew members.
 - (B) It is the appropriate personal presentation standard for the industry.
 - (C) It complies with relevant Occupational Health and Safety legislation.
 - (D) It makes them clearly visible to the stage manager at all times during the production.

- 2 What type of lantern is this?



- (A) PC
- (B) Fresnel
- (C) PAR can
- (D) Follow spot

- 3 Who has the most responsibility for ensuring that patron numbers do not exceed maximums set by Occupational Health and Safety (OHS) regulations?
- (A) Stage manager
 - (B) Venue manager
 - (C) Production manager
 - (D) Front of house manager
- 4 What does the gain control on an audio-mixing desk?
- (A) Frequency
 - (B) Input strength
 - (C) Multicore system
 - (D) Number of channels on the board
- 5 The page shown is from a stage manager's prompt copy.



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What information would the stage manager write on the pages shown?

- (A) Call times for cast
- (B) Evacuation points for the cast
- (C) Rigging positions for the lights
- (D) Movement of the cast on and off the stage

- 6** The stage manager is in the middle of a technical rehearsal when an important delivery of equipment arrives early.

What would be the most appropriate strategy for the stage manager to use in this situation?

- (A) Conciliation
 - (B) Consultation
 - (C) Delegation
 - (D) Negotiation
- 7** What is the correct order of steps when rigging a fresnel lantern onto a lighting bar?
- (A) Attach the safety chain, patch the lantern, focus the lantern, adjust the barn doors
 - (B) Patch the lantern, attach the safety chain, adjust the barn doors, focus the lantern
 - (C) Adjust the barn doors, patch the lantern, focus the lantern, attach the safety chain
 - (D) Focus the lantern, patch the lantern, attach the safety chain, adjust the barn doors
- 8** Which of the following is an example of a vision systems signal processor?
- (A) Camera
 - (B) Monitor
 - (C) Video mixer
 - (D) Data projector
- 9** Which organisation represents producers and promoters in the entertainment industry?
- (A) Australia Network
 - (B) Live Performance Australia
 - (C) Media, Entertainment and Arts Alliance
 - (D) Australasian Performing Right Association

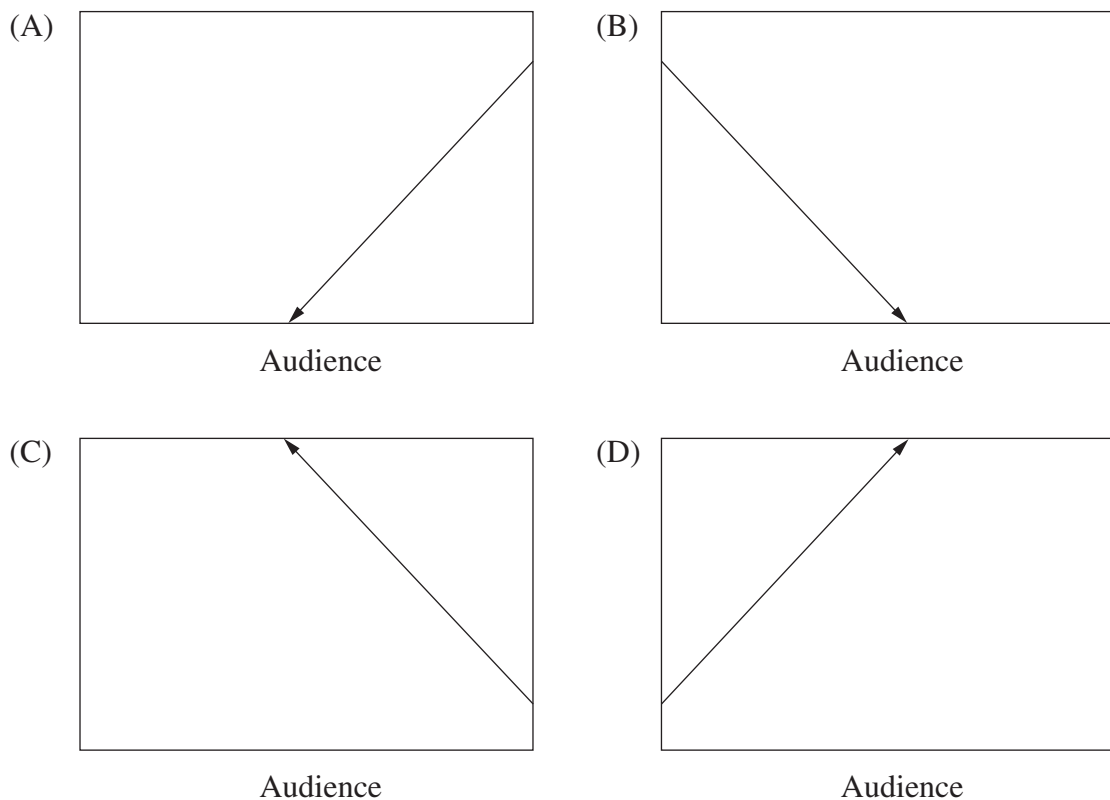
- 10** A buzz has been detected following an installation where the audio and lighting cables needed to be run close together.

What would cause this buzz?

- (A) Using a multicore
- (B) Using the same cable for audio and lighting
- (C) Running cables parallel, crossing at 90° where necessary
- (D) Running cables parallel and less than five centimetres apart

- 11** 'Enter upstage prompt and move to downstage centre.'

Which diagram best reflects this stage direction?

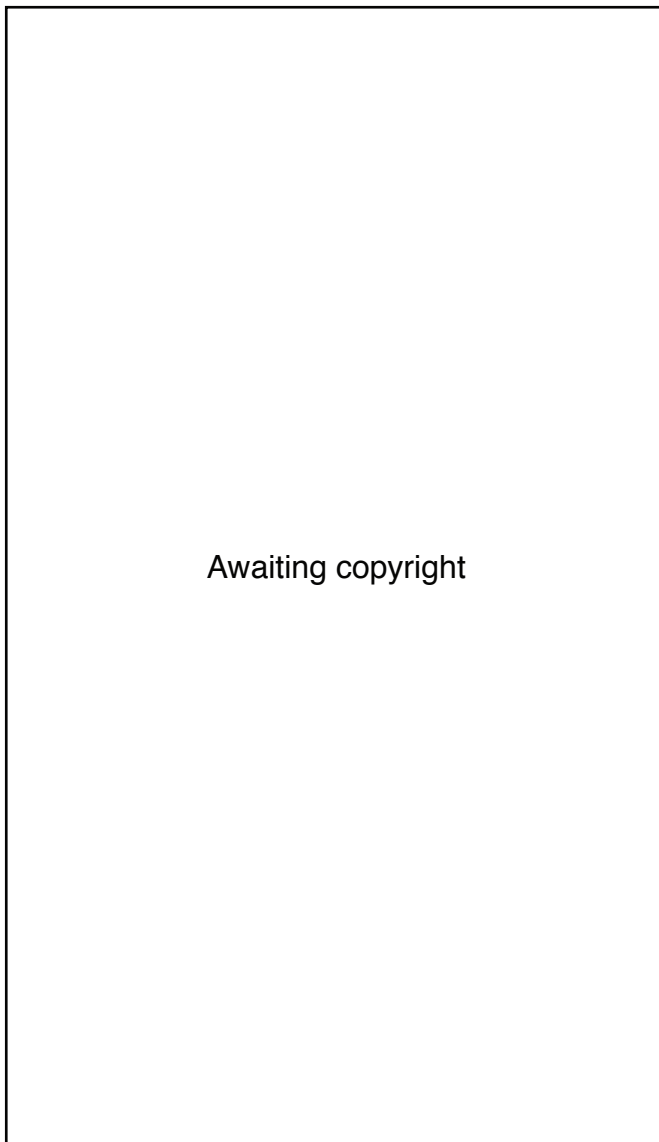


- 12** What is the list of all of the lights to be used in a production called?

- (A) A cue sheet
- (B) An inventory
- (C) A lighting plan
- (D) A lantern schedule

- 13** Who is in charge of the production during intermission?
- (A) Stage manager
 - (B) Venue manager
 - (C) Technical manager
 - (D) Front of house manager
- 14** What is the ideal fader level for the main output during the operation of an audio mixing desk?
- (A) -10 dB
 - (B) - 5 dB
 - (C) 0 dB
 - (D) + 5 dB

15 What kind of scenery is controlled by the stage mechanism shown?



- (A) Thrust
- (B) Flying
- (C) Rotating
- (D) Automated tracking

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Entertainment Industry

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Centre Number

Section II

35 marks

Attempt Questions 16–20

Allow about 50 minutes for this section

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Student Number

Answer the questions in the spaces provided. These spaces provide guidance for the expected length of response.

Question 16 (8 marks)

- (a) What specific technical considerations should a director take into account when using a thrust stage for a musical production? 4

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- (b) How would these technical considerations differ if the stage were in-the-round? 4

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Question 17 (8 marks)

- (a) Describe how emerging technologies are being used in the marketing and promotion of events. **4**

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- (b) Describe how emerging technologies are being used in special effects. **4**

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Entertainment Industry

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Centre Number

Section II (continued)

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Student Number

Question 18 (7 marks)

- (a) How should the front of house manager deal with people who arrive late for a performance? **2**

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- (b) What are the possible implications for customer satisfaction and patron safety if patrons are allowed late entry? **5**

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Question 19 (5 marks)

(a) Why is written communication used by the production team during pre-production? **3**

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(b) What factors affect the selection of communication equipment by the production team during pre-production? **2**

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Question 20 (7 marks)

(a) What information would a member of the rigging team use from a lighting plan during the bump in process? **3**

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(b) Under what circumstances would a lighting designer use a profile, a fresnel and a PAR can? **4**

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Entertainment Industry

Section III

15 marks

Attempt Question 21

Allow about 25 minutes for this section

Answer the question in a writing booklet. Extra writing booklets are available.

In your answer you will be assessed on how well you:

- demonstrate knowledge and understanding relevant to the question
 - communicate ideas and information using relevant workplace examples and industry terminology
 - present a logical and cohesive response
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Question 21 (15 marks)

You have been appointed to design the vision system for a rock band that is embarking on a world tour. During this tour, concerts will be held at a variety of venues including outdoor stadiums and indoor theatres.

What creative, safety and technical considerations are required to fulfil the brief across the range of venues?

Please turn over

Section IV

15 marks

Attempt Question 22

Allow about 25 minutes for this section

Answer the question in a SEPARATE writing booklet. Extra writing booklets are available.

Question 22 (15 marks)

- (a) Use the information provided to construct a labelled audio installation diagram for a rock concert. 5

Input List

<i>Ch.</i>	<i>Description</i>	<i>Mic/DI</i>	<i>Position</i>
1	Drum kit Overhead	Condenser (KB84)	USC
2	Drum kit Overhead S/R	Condenser (KB84)	USC
3	Acoustic Guitar	DI	USL
4	Bass Guitar	DI	USR
5	Lead Guitar	DI	USC
6	Lead Vocals	Dynamic (SM58)	DSC
7	Backing Vocals	Dynamic (SM58)	USR

Foldback Speaker List

<i>Mix</i>	<i>Description</i>	<i>Position</i>
1	Side fill S/L	DSL
2	Side fill S/R	DSR
3	Front fill	DSC
4	Drum kit	USC

- (b) How should the sound designer work with internal and external customers in order to satisfy the audio requirements for this concert? 10

End of paper