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National  
Qualifications  
2022

Mark

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**X855/76/01**

**Photography**

THURSDAY, 28 APRIL

9:00 AM – 10:00 AM



\* X 8 5 5 7 6 0 1 \*

Fill in these boxes and read what is printed below.

Full name of centre

--

Town

--

Forename(s)

--

Surname

--

Number of seat

--

Date of birth

Day

--	--

Month

--	--

Year

--	--

Scottish candidate number

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**Total marks —30**

**SECTION 1 — MULTIPLE CHOICE — 10 marks**

Attempt ALL questions.

**SECTION 2 — ANALYSIS — 20 marks**

Attempt BOTH questions.

Write your answers clearly in the spaces provided in this booklet. Additional space for answers is provided at the end of this booklet. If you use this space you must clearly identify the question number you are attempting.

Use **blue** or **black** ink.

Before leaving the examination room you must give this booklet to the Invigilator; if you do not, you may lose all the marks for this paper.



\* X 8 5 5 7 6 0 1 0 1 \*

SECTION 1 — MULTIPLE CHOICE — 10 marks

Attempt ALL questions

Tick (✓) one box in each question

MARKS  
DO NOT  
WRITE IN  
THIS  
MARGIN

1. What is the result of closing down the aperture on a lens?

1

- Greater depth of field
- Increased exposure
- Decreased amount of grain
- Reduced focal length

2. Positioning the subject to the right or left of an image is a feature of which compositional technique?

1

- S-curve
- Rule of thirds
- Low viewpoint
- Symmetry



3. Which technique has been used to achieve the creative effect in this image?

1



- Panning
- Camera shake
- Fill-in flash
- Slow shutter speed

[Turn over



\* X 8 5 5 7 6 0 1 0 3 \*

4. The photographer used a piece of equipment to modify the lighting after taking Image 1, which resulted in Image 2.



Image 1



Image 2

Which piece of equipment **could not** have been used in Image 2?

1

- Reflector
- Flash
- Polarising filter
- Diffuser

5. Exposure compensation (EV) allows the photographer to control which of the following?

1

- Brightness of the image
- Colour cast
- Depth of field
- Sensitivity to light



6. Which of the following is a result of selecting portrait pre-set mode?

1

- Wide field of view
- Cool colour cast
- Long focal length
- Shallow depth of field

7. Which lighting technique did the photographer use to achieve this image?

1



- Fill-in flash
- Contre-jour
- Soft lighting
- High key

[Turn over



8. A photographer captured an image that was too dark.  
Which adjustment could be made to lighten the exposure?

1

- The exposure compensation could be adjusted from EV 0 to EV -3
- The ISO could be adjusted from ISO 800 to ISO 1600
- The focal length could be adjusted from 55 mm to 18 mm
- The f-number could be adjusted from f8 to f16

9. Which type of image is represented by this histogram?

1



- Under-exposed
- High key
- Low contrast
- Over-exposed



\* X 8 5 5 7 6 0 1 0 6 \*

10. A photographer wants to re-shoot this image to sharpen the background and freeze the action.



Which row in the table shows the changes they would need to make?

1

<input type="checkbox"/>	Increase f-number	Faster shutter speed
<input type="checkbox"/>	Increase f-number	Slower shutter speed
<input type="checkbox"/>	Decrease f-number	Faster shutter speed
<input type="checkbox"/>	Decrease f-number	Slower shutter speed

[Turn over



SECTION 2 — ANALYSIS — 20 marks

Attempt BOTH questions

MARKS DO NOT WRITE IN THIS MARGIN

Refer to this image on the Supplementary sheet when answering question 11.



*Untitled* — Adam Pretty

11. (a) Identify a lens the photographer could have used to capture this scene.  
Explain the visual effect of the lens on this image.

2

Lens \_\_\_\_\_

Explanation \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



11. (continued)

- (b) Identify **two** camera controls which could have been used to create this image. Explain the effect of each camera control on this image.

2

Camera control 1 \_\_\_\_\_

Explanation \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Camera control 2 \_\_\_\_\_

Explanation \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

[Turn over



11. (continued)

- (c) Explain how the photographer has used compositional techniques for creative effect in this image.

Compositional technique 1 \_\_\_\_\_

Explanation \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Compositional technique 2 \_\_\_\_\_

Explanation \_\_\_\_\_

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\_\_\_\_\_

Compositional technique 3 \_\_\_\_\_

Explanation \_\_\_\_\_

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Section 1 Question 3 Image is taken from <http://en.people.cn/mediafile/201305/17/F201305170917331330464703.jpg>.

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