

NCFE Level 1/2 Technical Award in Creative Design and Production

(603/7003/8)

Examined Assessment

Paper number: **Past paper**

Time allowed: **1 hour 30 minutes**

Assessment date: **Thursday 12 June 2025**

Time: **9.00am – 10.30am**

Learner instructions

- Use black ink.
- Answer **all** questions.
- Read each question carefully.
- You **must** write your responses in the spaces provided.
- You may do rough work in this answer book. Cross through any work you do not wish to be marked.
- If you use a supplementary answer booklet, you must add your learner name, learner number and centre number to the front cover of the booklet. Insert your supplementary answer booklet inside this question paper at the end of your test.
- All of the work you submit **must** be your own.

Learner information

- The marks available for each question are shown in brackets.
- The maximum mark for this paper is **80**.
- You may use a calculator.

Do not turn over until the invigilator tells you to do so.

Please complete / check your details below

Learner name:

Centre name:

Learner number:

Centre number:

Section A

This section has a possible **30** marks.

Answer **all** questions in the spaces provided.

- 1** Which **one** of the following describes a repeated decorative design?

[1 mark]

- A** Colour
- B** Emphasis
- C** Pattern
- D** Scale

Answer _____

- 2** Which **one** of the following defines **repair** when considering sustainable design?

[1 mark]

- A** Breaking down an item into raw materials
- B** Disposing of an item and buying a newer model
- C** Fixing a broken item to extend its life
- D** Replacing an item with a similar model

Answer _____

3 Which one of the following describes **ductility** in a material?

[1 mark]

- A The material can be pushed into a new fixed shape without breaking
- B The material can be stretched into a new fixed shape without breaking
- C The material will break into small pieces when pushed
- D The material will have the ability to resist rust

Answer _____

4 (a) Name **one** designer from the Art Nouveau period.

[1 mark]

4 (b) Give **one** key feature from the Art Nouveau period shown in the lamp below.



[1 mark]

5 (a) Identify **two** computer-aided manufacture (CAM) techniques.

[2 marks]

1 _____

2 _____

5 (b) Explain why using CAM would be a suitable technique for the production of cabinet door handles.

[2 marks]

6 Identify **three** ways that unsustainable design and production can impact the environment.

[3 marks]

1 _____

2 _____

3 _____

7 (a) Jamal plans to print his own design onto 100 T-shirts to sell.

He wants to use hand block printing to print the T-shirts.

Give **one** advantage and **one** disadvantage of Jamal using the hand block printing technique to print his design onto the T-shirts.

[2 marks]

Advantage _____

Disadvantage _____

7 (b) Jamal would like to print 1000 T-shirts to sell over the next three months.

He would like to use a different printing technique.

He can choose between roller printing and screen printing.

Justify which would be the **best** option for Jamal.

[2 marks]

Please turn over for the next question.

- 8 (a)** Books are a type of resource used to carry out secondary research.

Name **two other** resources that could be used to carry out secondary research.

[2 marks]

1 _____

2 _____

- 8 (b)** Frank is designing a range of retro jewellery for a retailer.

Explain how books could be useful for Frank's secondary research into his retro jewellery range.

[2 marks]

- 8 (c)** Frank creates a mood board to develop ideas for his retro jewellery range.

Describe **one** way that Frank can use the mood board to organise his ideas.

[2 marks]

- 9 Ali is working on a new coffee table design and plans to use questionnaires and interviews as primary research methods to help inform the design.

Suggest how questionnaires **and** interviews could be used in Ali's research.

[4 marks]

Questionnaires _____

Interviews _____

Please turn over for the next question.

10 (a) State the date range associated with the Art Deco movement.

[1 mark]

10 (b) Identify **one** social factor associated with the Art Deco movement.

[1 mark]

10 (c) The image of the cup and saucer below illustrates key features of the Art Deco movement.



State **two** key features of this design that show it is influenced by the Art Deco movement.

[2 marks]

1

2

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Past paper

Section B

This section has a possible **14** marks.

Answer **all** questions in the spaces provided.

- 11** Which **one** of the following is a **physical** method of promoting a creative design business?

[1 mark]

- A** Blog
- B** Social media
- C** Website
- D** Workshop

Answer _____

- 12** Which **one** of the following is a description of **resilience** in the design production industry?

[1 mark]

- A** Avoid working as part of a team
- B** Deal with setbacks in challenging situations
- C** Focus on a single goal and ignore other factors
- D** Pay attention to detail

Answer _____

13 Which **one** of the following best describes **crowdfunding**?

[1 mark]

- A Advertising new prices of products on a website
- B Applying for a grant from the local council
- C Giving away free samples from a new business
- D Raising money through an online platform

Answer _____

14 (a) Give **two** purposes of self-promotion in the design production industry.

[2 marks]

1 _____

2 _____

14 (b) Bobby designs and makes recyclable shopping bags.

He will use digital promotional methods to increase sales.

Give **one** reason why using digital promotional methods will help Bobby increase sales.

[1 mark]

15 (a) Joe has completed a creative design and production qualification.

Identify **one** design and production industry sector Joe could work in.

[1 mark]

15 (b) Joe has been successful in securing a freelance contract in the design and production industry.

Explain **one** disadvantage of working freelance in the design and production industry.

[2 marks]

16 A toy company has been commissioned to design a new product line.

It requires new inventors to design the new product line.

Describe **one** skill an inventor may have that would support the design of the new product line.

[2 marks]

- 17** A creative designer must present new design ideas for curtains to a client.

Discuss **one** digital presentation method the creative designer could use to present their new design ideas.

[3 marks]

Please turn over for the next section.

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Section C

This section has a possible **18** marks.

Answer **all** questions in the spaces provided.

- 18** Which **one** of the following is an example of batch production?

[1 mark]

- A** A group of identical products made at the same time
- B** Producing thousands of products in a constant flow
- C** Ten customised single items produced
- D** The production of a single unique product

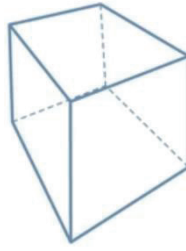
Answer _____

- 19** Which **one** of the following needs to be carried out to reduce injury in a workshop?

[1 mark]

- A** Cost analysis
- B** Production plan
- C** Quality control
- D** Risk assessment

Answer _____



Which **one** of the following types of technical drawing is shown in the image above?

[1 mark]

- A Elevation
- B Isometric
- C Oblique
- D Perspective

Answer _____

21 (a) Visual sampling is one method of quality control during the production process.

Identify **one other** method of quality control.

[1 mark]

21 (b) Lou is planning the production process for a new backpack design.

Give **one** way Lou can use visual sampling to ensure high standards in the production process.

[1 mark]

22 (a) Mo has been asked by a charity to design some branded stationery items.

The items will be given away at a fundraising event.

Describe **one** copyright issue that may affect Mo's design of the branded stationery items.

[2 marks]

22 (b) The stationery items that Mo has been asked to design will be given away for free during the fundraising event.

Discuss **one** way that this may impact Mo's design ideas for the stationery items.

[2 marks]

- 23** Name **three** elements a designer should include in a summative review of a design solution.

[3 marks]

1 _____

2 _____

3 _____

Please turn over for the next question.

24 (a) Face masks are a type of personal protective equipment (PPE).

Identify **one other** type of PPE.

[1 mark]

24 (b) Amy wears a face mask when using machinery to cut planks of wood for a wardrobe.

State how using a face mask will protect Amy when cutting planks of wood.

[1 mark]

25 (a) A packaging production company has been asked to produce new food packaging for a takeaway restaurant.

Surface treatments and finishing techniques are examples of production techniques.

Explain **one other** production technique that could be used to produce food packaging for the takeaway restaurant.

[2 marks]

25 (b) The takeaway restaurant manager states that:

‘Surface treatment is the most important production technique when making packaging.’

Discuss the accuracy of this statement.

[2 marks]

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Section D

This section has a possible **18** marks.

Answer **all** questions in the spaces provided.

- 26** The image below shows a chair from the Bauhaus design movement.
The designer has used tubular steel and leather in designing the chair.



Analyse the suitability of the design materials used in the image.

In your response you should include reference to:

- the key social factors of the Bauhaus design movement
- the key features of the Bauhaus design movement.

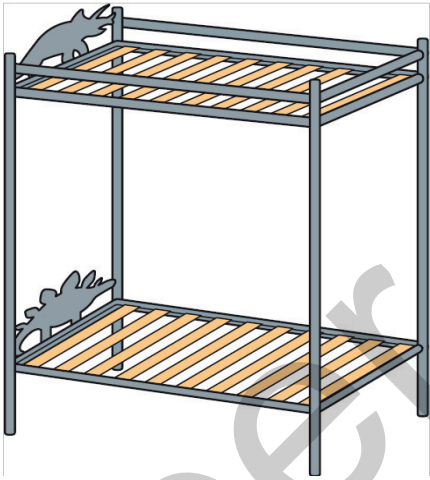
[9 marks]

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Past paper

- 27 A retailer specialising in children's furniture has commissioned a designer and provided them with the following brief:

Design brief	First draft of the design solution
- design a fun bunk bed with a metal frame - it must be safe to use by children aged 5 to 12 - it should be suitable for mass production - give full technical details including measurements and materials.	

Evaluate whether the first draft of the design solution meets the design brief and the requirements of the retailer.

[9 marks]

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This is the end of the examined assessment.

Past paper