

STAPLE HERE

FOR OFFICIAL USE

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X033/10/01

NATIONAL THURSDAY, 8 MAY
 QUALIFICATIONS 1.00 PM – 3.00 PM
 2014

**GRAPHIC
 COMMUNICATION
 INTERMEDIATE 1**

Fill in these boxes and read what is printed below.

Full name of centre Town

Forename(s) Surname

Date of birth Day Month Year Scottish candidate number Number of seat

70 marks are allocated to this paper

- 1 Answer all questions.
- 2 Read each question carefully before you answer.
- 3 Written answers may be in **ink** or **pencil**.
- 4 Drawings and sketches **must be in pencil**.
- 5 Dimensions are given in millimetres or as stated.
- 6 Orthographic drawings are in third angle projection.

At the end of the examination
 check that your name is on every sheet;
 put the sheets in correct numerical order;
 place this sheet on top of the others;
 join all sheets together by **stapling** at the top left-hand corner;
 before leaving the examination room, you must give these sheets to the Invigilator
 (if you do not you may lose all the marks for this paper).

Question	Marks
1	
2	
3	
4	
5	
6	
7	
8	
9	
Total Marks	



[BLANK PAGE]

1

A bed and breakfast is considering using a tint of green to re-decorate one of their bedrooms.

- (a) State what would have been added to green to make a tint. 1
- (b) State whether green is an advancing or receding colour. 1
- (c) State two **tertiary** colours that would harmonise with green for the furniture. 1
- (i) 1
- (ii) 1

(4 marks)

2

- (a) State a portable storage device that could be used to save a CAD drawing. 1
- (b) Other than speed, state **one** advantage of using Computer-Aided Graphics over manual methods. 1

(2 marks)

3

A Desktop Published Leaflet is shown below.


Wind Farm Facts

Wind Turbines

A wind turbine is a device that converts kinetic energy from the wind into mechanical energy. If the mechanical energy is used to produce electricity, the device may be called a wind generator or wind charger. If the mechanical energy is used to drive machinery, such as for grinding grain or pumping water, the device is called a windmill or wind pump.

What are they made from?

The towers are tubular and made mainly of steel. The blades are made from glass fibre reinforced polyester or wood-epoxy.



Page 1

- (i) 1
- (ii) 1
- (iii) 1
- (iv) 1

- (a) State the page orientation that is used in the document above. 1
- (b) Identify each of the desktop publishing features, indicated above. 1
- (i) 1
- (ii) 1
- (iii) 1
- (iv) 1

(5 marks)

6

An isometric view and the end elevation of a docking station are given.

Draw, full size, in the position indicated:

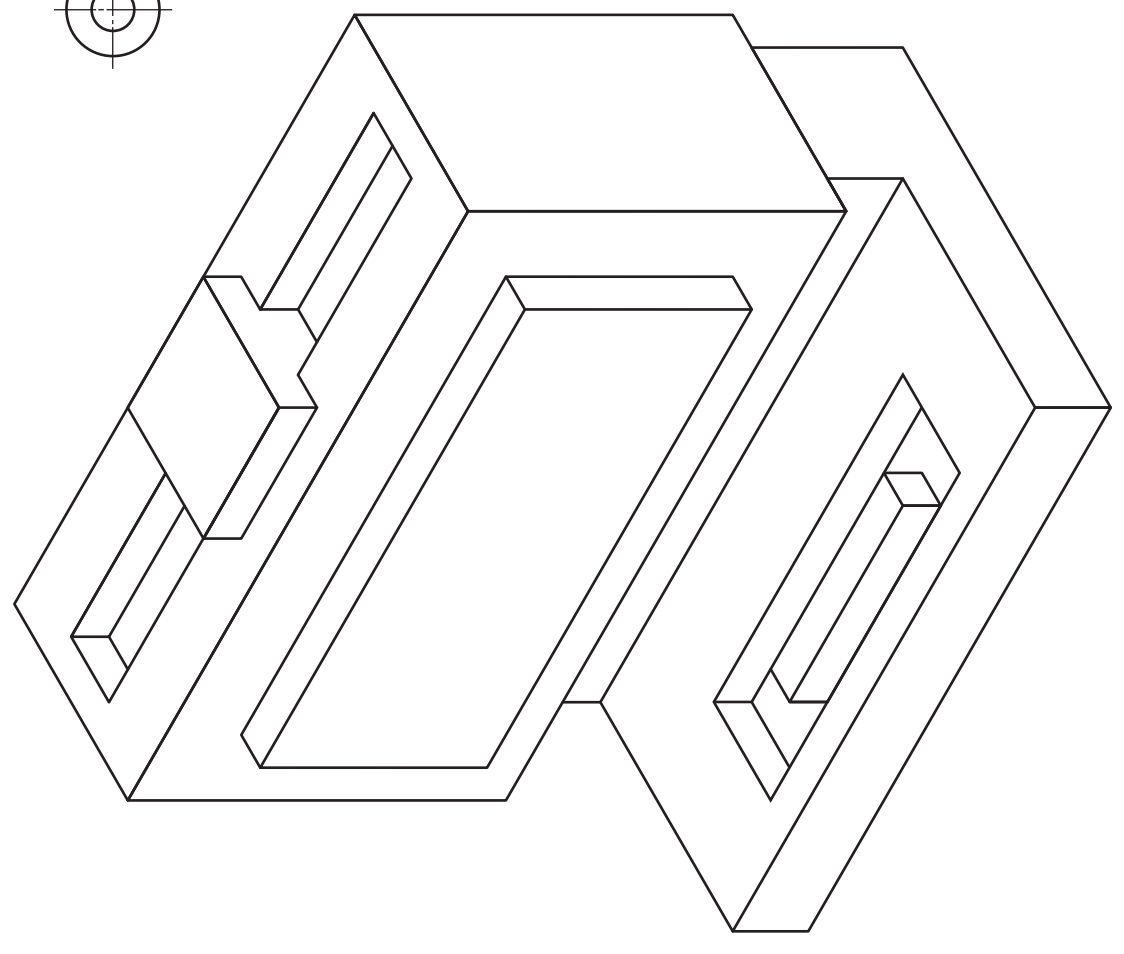
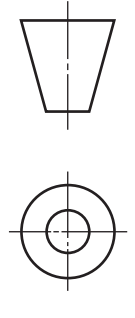
(a) the elevation;

(b) the plan.

Show all hidden detail.

(13 marks)

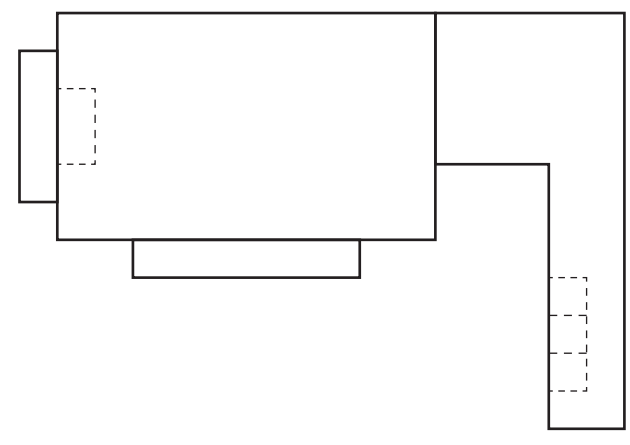
6



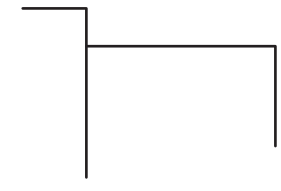
Isometric View
Scale 1:1



Plan



End Elevation



Elevation

a	
b	
c	
d	
e	
f	
g	
h	
i	
j	
k	
l	
m	
n	

7

The end elevation and an incomplete elevation of a wall lamp are given. A pictorial view is shown opposite.

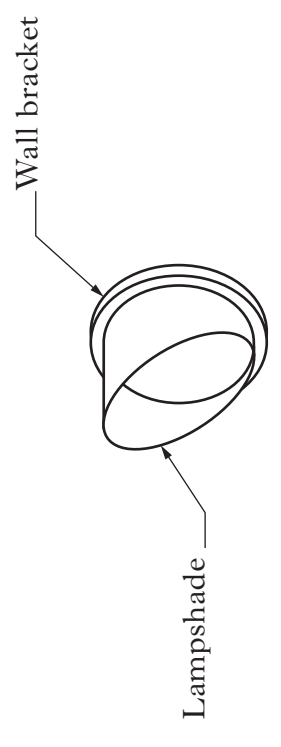
Draw, full size, in the positions indicated:

- (a) the **complete** elevation;
- (b) the plan;
- (c) the development of the lampshade opened along seam **A-A**.

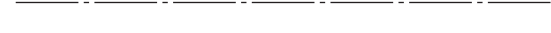
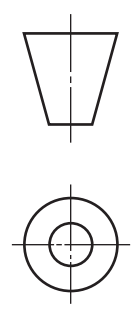
Show all hidden detail.

(12 marks)

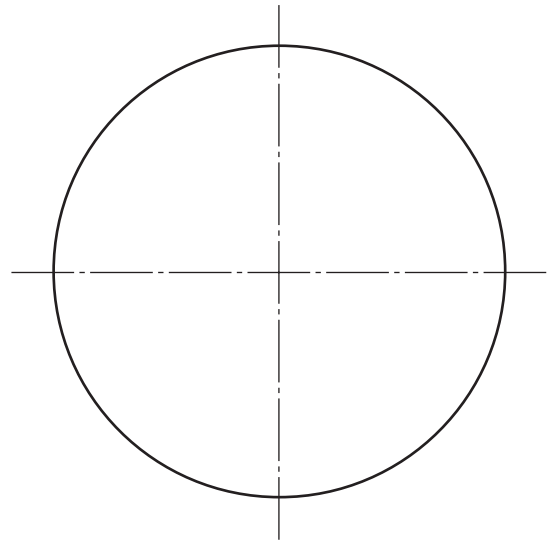
Pictorial View



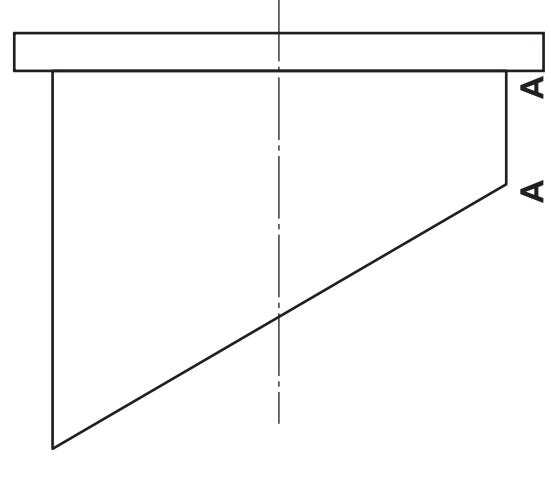
7



Plan



Elevation



End Elevation



Development

a	
b	
c	
d	
e	
f	
g	
h	
i	
j	
k	
l	
m	
n	

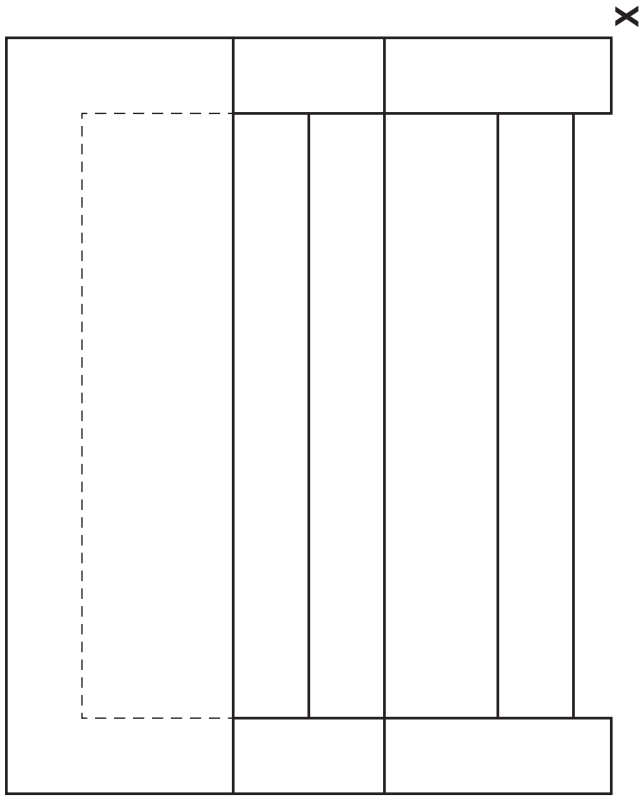
The plan, elevation and end elevation of a bird feeder are given.

A pictorial view is shown opposite.

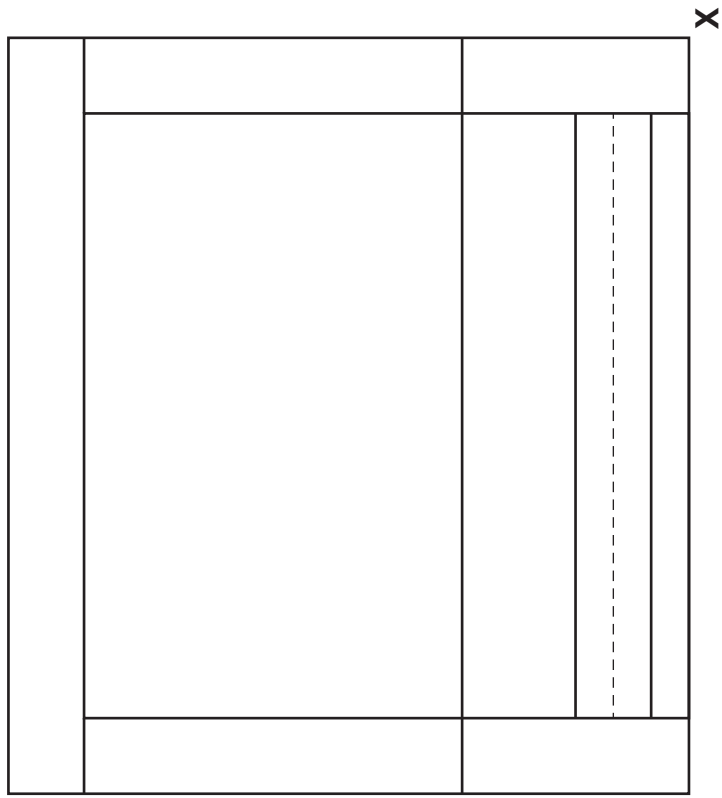
Draw, to the same scale, the **planometric** view of the bird feeder, in the position indicated.

Do not show hidden detail.

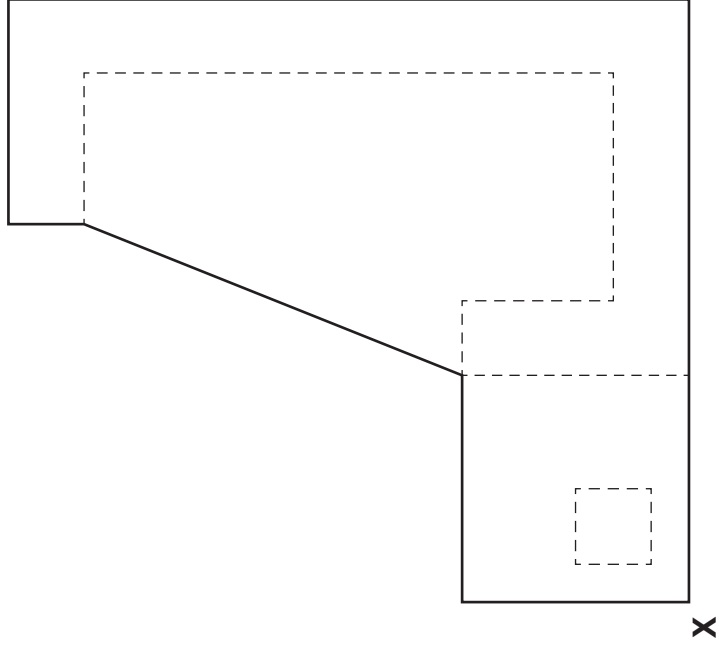
(14 marks)



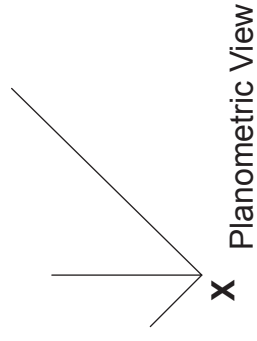
Plan



Elevation



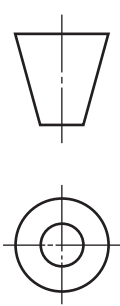
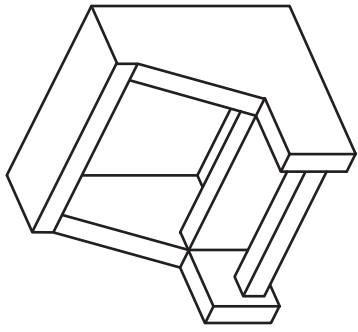
End Elevation



Planometric View

a	
b	
c	
d	
e	
f	
g	
h	
i	
j	
k	
l	
m	
n	

Pictorial View



The elevation and end elevation of a heater and stand are given. An exploded pictorial view is shown opposite.

Draw, **full size**, in the positions indicated:

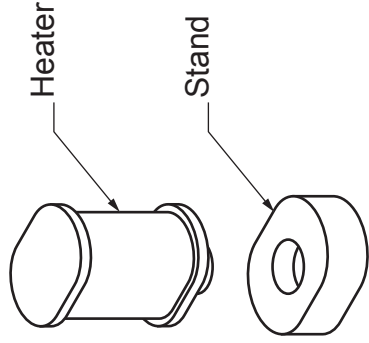
- (a) the fully assembled elevation of the heater and stand;
- (b) the sectional end elevation on **X-X** of the assembled heater and stand.

Show all hidden detail.

Do not show hidden detail.

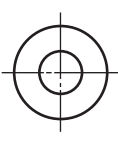
Pictorial View

(13 marks)

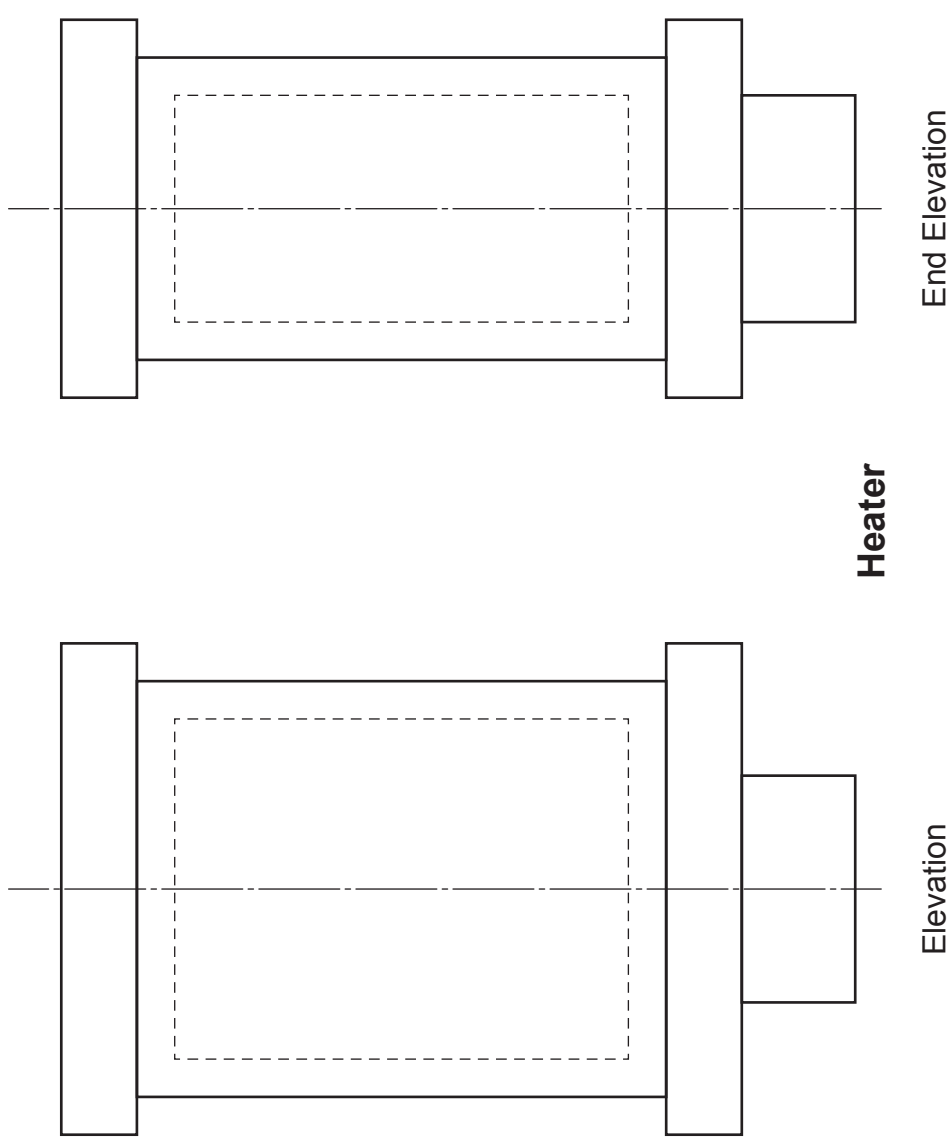


Elevation

Sectional End Elevation X-X



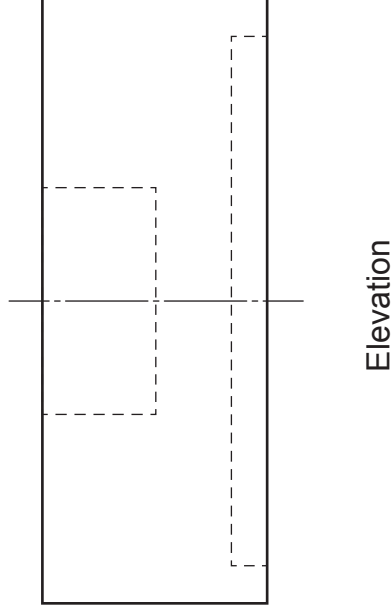
a	
b	
c	
d	
e	
f	
g	
h	
i	
j	
k	
l	
m	
n	



Heater

Elevation

End Elevation



Elevation

End Elevation

Stand