SCOTTISH QUALIFICATIONS AUTHORITY

2005 Graphic Communication

Standard Grade – General

Finalised Marking Instructions

These Marking Instructions have been prepared by Examination Teams for use by SQA Appointed Markers when marking External Course Assessments.

2005 Graphic Communication

Standard Grade – General

1. (a) Drawings are more accurate, easier to edit, standardisation of formats, use of libraries of commonly used parts, reduction of lead time. Ability to e-mail.

Do not accept more than one editing answer **KI 2**

(b) Work can be lost if the computer crashes, work could be corrupted by viruses, obsolescence, work could be stolen or 'hacked', time taken to learn to use system, cost of software, training. **KI 2**

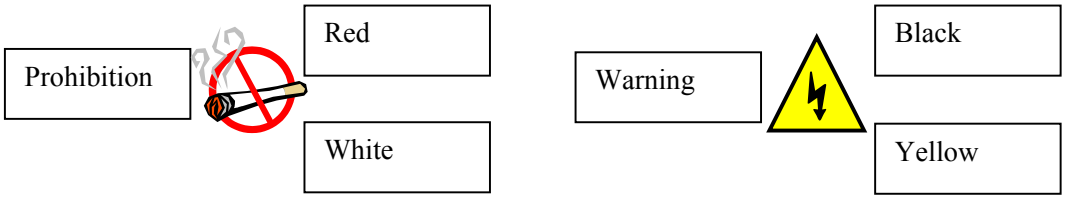
(c) Zip drives, memory stick/flash drive, CD ROM, mobile hard drive, DVD, USB storage, CD **KI 2**

(d) CAD library, symbol library **KI 1**

(e) Ink-jet printer, laser printer, printer **KI 1**

Total KI 8

2.



Total KI 6

3. (a) (i) Green/brown
(ii) Blue or any cool colour violet/green/white
(iii) Red
(iv) Yellow/Yellow-Orange/Orange/Red-Orange/Red
(v) Green/Blue-Green/Blue-Violet/Violet **KI 5**

(b) Makes the subject of the presentation more prominent/or to stand out/objects look bigger/gives depth. **KI 1**

(c) Black **KI 1**

(d) White **KI 1**

(e) Secondary colour **KI 1**

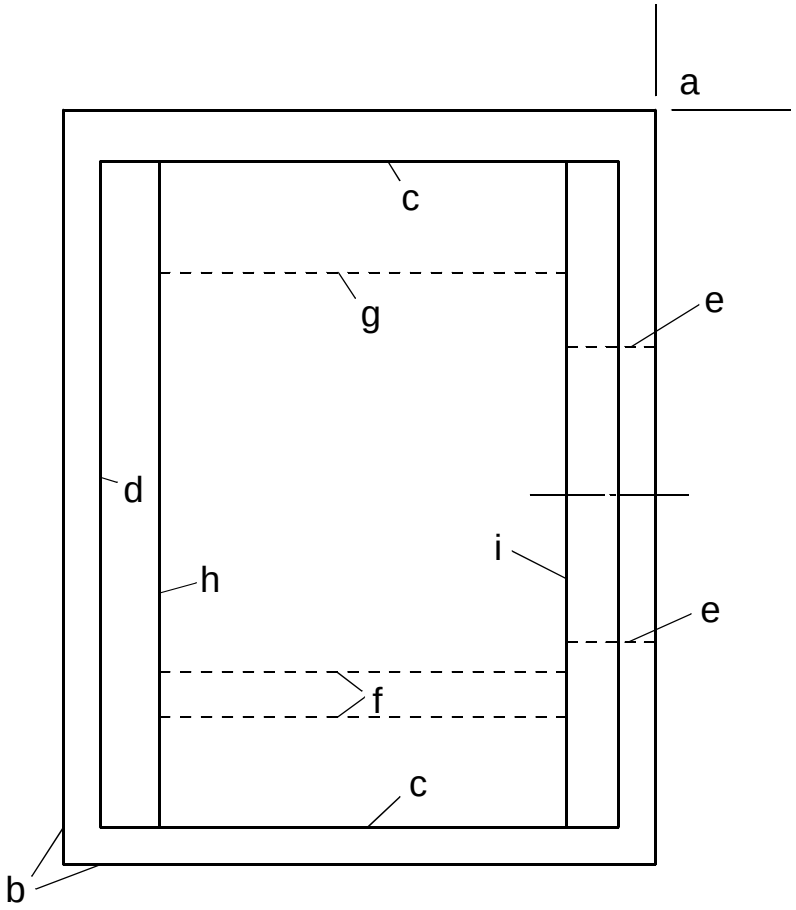
(f) Red-Orange Red-Violet **KI 2**

Total KI 11

4. (a) A Site Plan
B Location/Block Plan
C Floor Plan **KI 3**

(b) D Shower tray, shower
E Wash basin, basin, wash hand basin
F Sink, kitchen sink
G Brickwork, brick
H North point
J Sawn timber, sawn wood
K Insulation **KI 7**

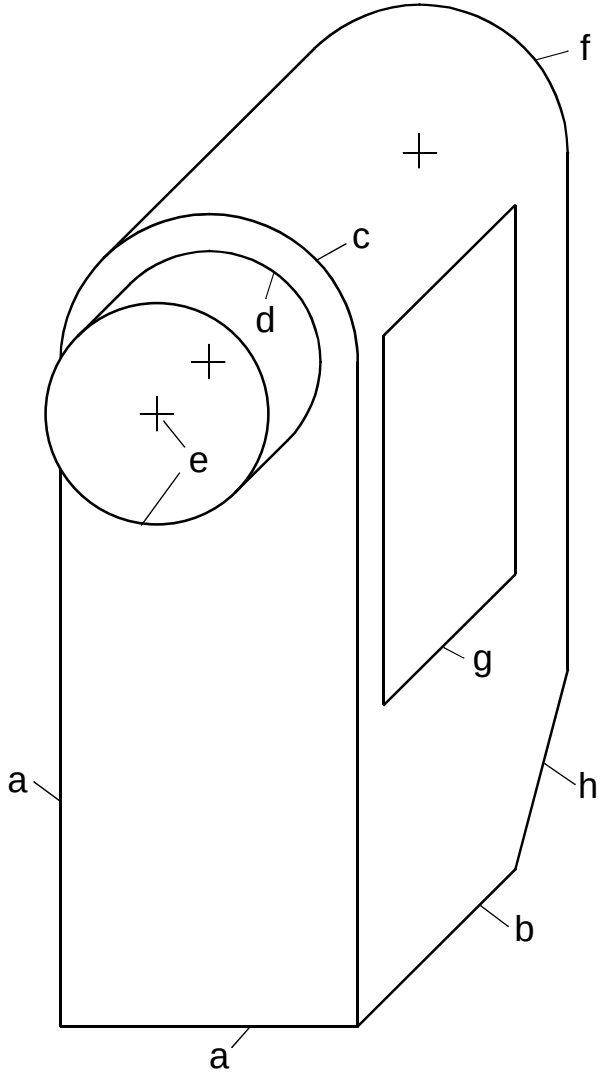
Total KI 10

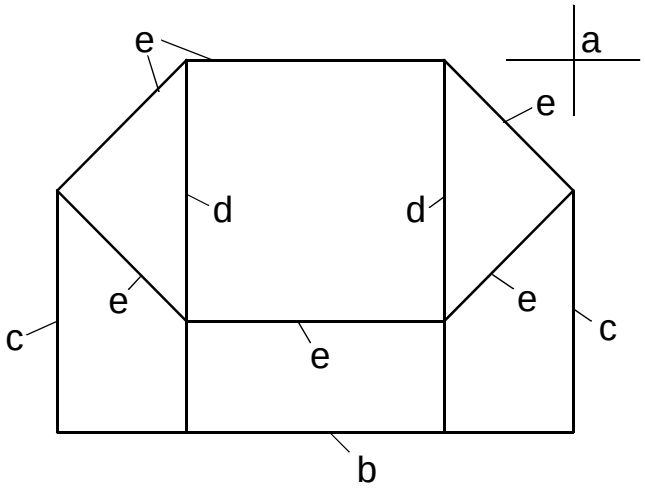


5.	(a)	Correct projection	**1**
	(b)	Length + height	**1**
	(c)	Lines grill top bottom	**1**
	(d)	Lines	**1**
	(e)	Broken lines	**1**
	(f)	Broken lines	**1**
	(g)	Broken lines	**1**
	(h)	Broken lines	**1**
	(i)	Broken lines	**1**

Total DA 9

6.	(a)	Camcorder length + height (both)	**1**
	(b)	Depth half size	**1**
	(c)	Semi-circle	**1**
	(d)	Part circle (if no (e), then full circle)	**1**
	(e)	Correct position for circle centre	**1**
		Circle diameter	**1**
	(f)	Part circle rear	**1**
	(g)	Rectangle position + size	**1**
	(h)	Slope (correct height)	**1**
		Total DA	**9**



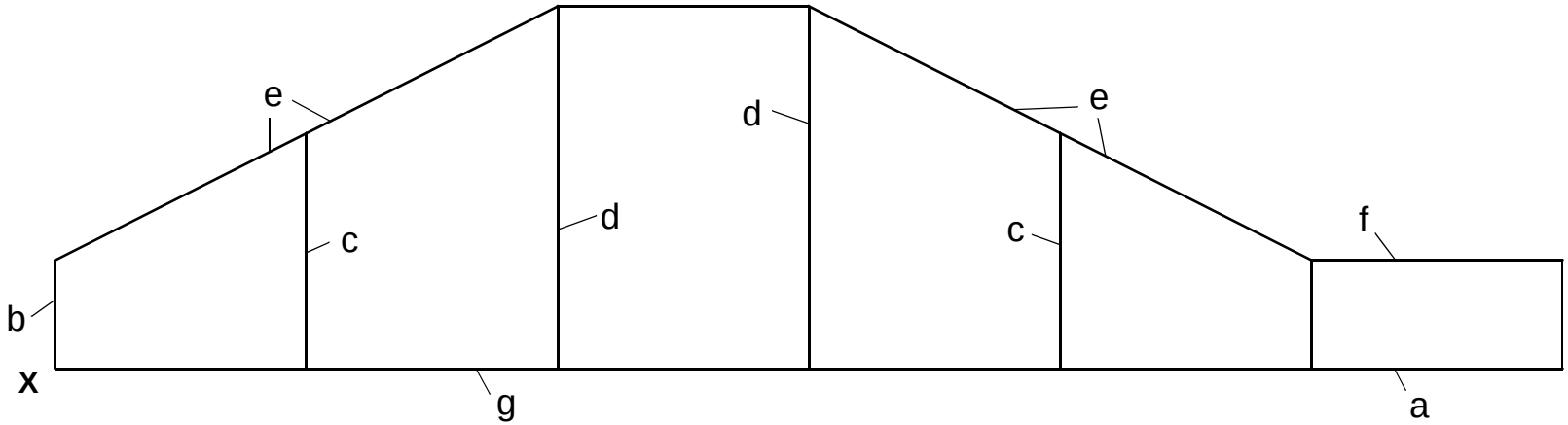


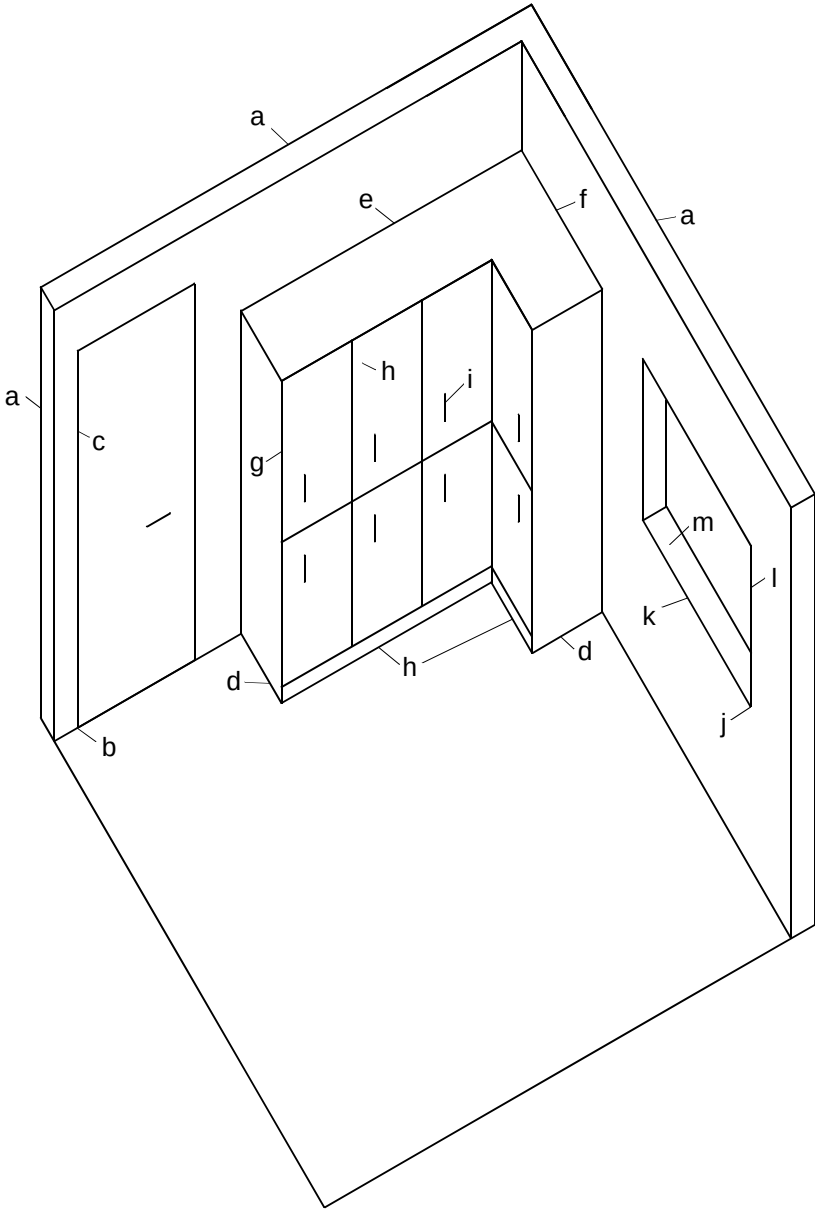
Elevation

7.	(a)	Correct projection (3^{rd})	**1**
	(b)	Length	**1**
	(c)	Height	**1**
	(d)	Height	**1**
	(e)	Lines drawn (length of flat must be correct)	**1**

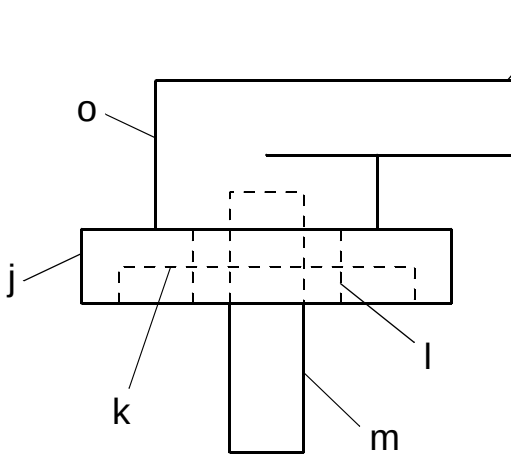
Development

7.	(a)	Overall length + - 12	**1**
	(b)	Height	**1**
	(c)	Height	**1**
	(d)	Height	**1**
	(e)	Sloping lines (4)	**1**
	(f)	Horizontal line	**1**
	(g)	Six sides shown	**1**
		Total DA	**12**





8.	(a)	Crate lxbxh (2 out of three 1)	**1**
		wall thickness for 1	**1**
	(b)	Door position (wall edge or locker)	**1**
	(c)	Door size	**1**
	(d)	Depth of lockers	**1**
	(e)	Length	**1**
	(f)	Width	**1**
	(g)	Lockers ht.	**1**
	(h)	Doors shown	**1**
	(i)	Handles shown (6+)	**1**
	(j)	Window position (wall edge or locker)	**1**
	(k)	Window length	**1**
	(l)	Window height	**1**
	(m)	Depth shown	**1**
	(n)	Plinth (both)	**1**
		Total DA	**15**



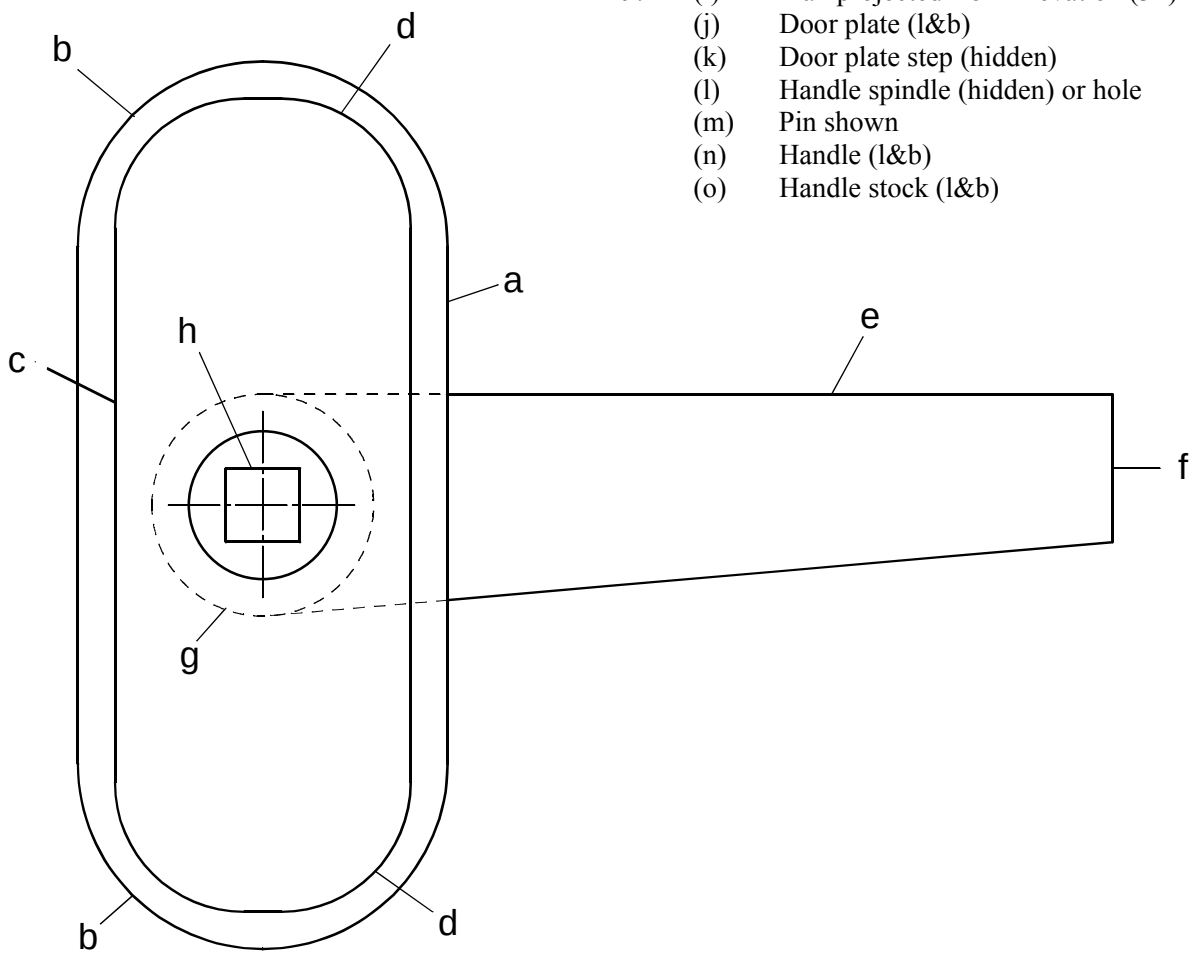
Plan

Elevation

9.	(a)	Door plate (l&b)	**1**
	(b)	Outside semi-circles (2)	**1**
	(c)	Door plate step (l&b)	**1**
	(d)	Inside semi-circles (2)	**1**
	(e)	Handle length	**1**
	(f)	Handle width (at end)	**1**
	(g)	Handle hidden detail (circle + 2 lines)	**1**
	(h)	Square pin	**1**

Plan

9.	(i)	Plan projected from Elevation (3rd)	**1**
	(j)	Door plate (l&b)	**1**
	(k)	Door plate step (hidden)	**1**
	(l)	Handle spindle (hidden) or hole	**1**
	(m)	Pin shown	**1**
	(n)	Handle (l&b)	**1**
	(o)	Handle stock (l&b)	**1**



Elevation

[END OF MARKING INSTRUCTIONS]