# 2013 Graphic Communication 

## Intermediate 1

## Finalised Marking Instructions

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## Part One: General Marking Principles for Graphic Communications Intermediate 1

This information is provided to help you understand the general principles you must apply when marking candidate responses to questions in this Paper. These principles must be read in conjunction with the specific Marking Instructions for each question.
(a) Marks for each candidate response must always be assigned in line with these general marking principles and the specific Marking Instructions for the relevant question. If a specific candidate response does not seem to be covered by either the principles or detailed Marking Instructions, and you are uncertain how to assess it, you must seek guidance from your Team Leader/Principal Assessor.
(b) Marking should always be positive ie, marks should be awarded for what is correct and not deducted for errors or omissions.

## GENERAL MARKING ADVICE: Graphic Communications Intermediate 1

The marking schemes are written to assist in determining the "minimal acceptable answer" rather than listing every possible correct and incorrect answer. The following notes are offered to support Markers in making judgements on candidates' evidence, and apply to marking both end of unit assessments and course assessments.

Part Two: Marking Instructions for each Question

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |
| :---: | :--- | :--- | :--- | :---: | :---: |
| $\mathbf{1}$ | $\mathbf{a}$ | Pine | $\mathbf{1}$ |  |
|  | b | 220 mm | $\mathbf{1}$ |  |
|  | c | 4 | $\mathbf{1}$ |  |
|  | d | 8 mm | $\mathbf{1}$ |  |
|  | e | 111631 | $\mathbf{1}$ |  |
|  |  |  | $(5)$ |  |


| Question |  | Expected Answer/s | Max Mark | Additional Guidance |  |
| :--- | :--- | :--- | :--- | :---: | :---: |
| $\mathbf{2}$ | $\mathbf{a}$ | $\mathbf{i}$ | Yellow | $\mathbf{1}$ |  |
|  |  | ii | Red | $\mathbf{1}$ |  |
|  | b |  | Orange | $\mathbf{1}$ |  |
|  | c |  | Equal amounts of two primary colours | $\mathbf{1}$ |  |


| Question |  | Expected Answer/s | Max Mark | Additional Guidance |
| :---: | :---: | :--- | :--- | :---: | :---: |
| $\mathbf{3}$ | $\mathbf{a}$ | Mirror | $\mathbf{1}$ |  |
|  | b | Zoom, Scale | $\mathbf{1}$ |  |
|  | c | Rotate | $\mathbf{1}$ |  |
|  | d | Hatch, Fill | $\mathbf{1}$ |  |
|  |  |  | (4) |  |



Notes for drawing questions:

- Tolerances for all drawings +/- 1 mm
- When marking drawings, all markers must operate the "follow-on rule" and ensure that candidates are not penalised twice.
- Marks should be entered in the appropriate place and no other comments added to the candidates scripts.



## ELEVATION

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |
| :---: | :---: | :---: | :---: | :---: |
| 5 | a | Correct projection from end elevation | 1 |  |
|  | b | Overall length and height | 1 |  |
|  | c | 2 heights marked | 1 |  |
|  | d | 7 widths marked <br> 5/7 widths for 1 mark | 1 |  |
|  | e | 1 horizontal line marked $\bigcirc$ | 1 |  |
|  | f | 5 hidden lines marked <br> 5 for 2 marks <br> 3/4 for 1 marks | 2 |  |



PLAN

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |
| :--- | :--- | :--- | :---: | :---: | :---: |
| $\mathbf{5}$ | $\mathbf{g}$ | Overall length and width | $\mathbf{1}$ |  |
| $\mathbf{h}$ | i vertical lines marked <br> $5 / 6$ vertical lines for 1 mark | 9 horizontal lines marked <br> $8 / 9$ horizontal lines for 1 mark | $\mathbf{1}$ |  |
|  | $\mathbf{j}$ | 5 hidden lines marked <br> 5 hidden lines for 2 marks <br> $3 / 4$ hidden lines for 1 mark | $\mathbf{2}$ |  |
|  |  |  | $\mathbf{( 1 2 )}$ |  |



## PLAN

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |
| :--- | :--- | :--- | :---: | :---: |
| $\mathbf{6}$ | a |  | 3 diagonal construction lines for pyramid | $\mathbf{1}$ |
|  | b | Projected from elevation correctly | $\mathbf{1}$ |  |
|  | c | 3 lines marked | $\mathbf{1}$ |  |
|  | d | 3 lines marked | $\mathbf{1}$ |  |



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## END ELEVATION

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |
| :--- | :--- | :--- | :---: | :---: |
| $\mathbf{6}$ | $\mathbf{e}$ | 3 Correct widths marked | $\mathbf{1}$ |  |
|  | $\mathbf{f}$ | Sloping lines marked <br> 4 for 2 marks <br> $2 / 3$ for 1 mark | $\mathbf{2}$ |  |
|  | $\mathbf{g}$ | 1 vertical line marked | $\mathbf{1}$ |  |



## DEVELOPMENT

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |  |
| :---: | :---: | :--- | :--- | :---: | :---: |
| $\mathbf{6}$ | $\mathbf{h}$ | True length used for arc | $\mathbf{1}$ |  |  |
|  | i | 3 equal divisions marked |  | $\mathbf{1}$ |  |
|  | j | 4 heights marked | $\mathbf{1}$ |  |  |
|  | k | 2 fold lines marked | Correctly outlined | $\mathbf{1}$ |  |
|  | I |  | $(13)$ |  |  |



## CHARGER

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |
| :--- | :--- | :--- | :--- | :---: | :---: |
| $\mathbf{7}$ | $\mathbf{a}$ | Overall LxBxH | $\mathbf{1}$ |  |
| b | 5 widths marked <br> 5 for 2 marks <br> $3 / 4$ for 1 mark | $\mathbf{2}$ |  |  |
| c | 2 heights marked | 2 lengths marked | $\mathbf{1}$ |  |
| e | 3 sloping lines marked | $\mathbf{1}$ |  |  |
| f | Depth of recess - 3 lines marked $\triangle$ | $\mathbf{1}$ |  |  |
| $\mathbf{g}$ | Correct position of recess | $\mathbf{1}$ |  |  |

PHONE

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |  |
| :--- | :--- | :--- | :--- | :---: | :---: |
| $\mathbf{7}$ | $\mathbf{h}$ |  | Correct LxBxH | $\mathbf{1}$ |  |

SCREEN

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |
| :---: | :--- | :--- | :---: | :---: |
| $\mathbf{7}$ | $\mathbf{i}$ | Overall height and width | $\mathbf{1}$ |  |
|  | $\mathbf{j}$ |  | Depth of recess - 3 lines marked $\triangle$ | $\mathbf{1}$ |
|  | $\mathbf{k}$ | Correct position | $\mathbf{1}$ |  |

## PHONE BUTTONS

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |  |
| :---: | :---: | :--- | :--- | :---: | :---: |
| $\mathbf{7}$ | $\mathbf{I}$ | Correct LxH of 1 button | $\mathbf{1}$ |  |  |
|  | $\mathbf{m}$ |  | 12 buttons positioned | $\mathbf{1}$ |  |
|  |  |  |  | $\mathbf{( 1 4 )}$ |  |



PLAN

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |  |
| :--- | :--- | :--- | :--- | :---: | :---: |
| $\mathbf{8}$ | $\mathbf{a}$ | 7 outline lines marked | $\mathbf{1}$ |  |  |
|  | $\mathbf{b}$ |  | 4 hidden lines marked $\mathbf{O}$ | $\mathbf{1}$ |  |
|  | c | 1 curve marked | $\mathbf{1}$ |  |  |



## ELEVATION

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |
| :--- | :--- | :--- | :--- | :--- |
| $\mathbf{8}$ | $\mathbf{d}$ | Correct projection from plan/pre given <br> elevation | $\mathbf{1}$ |  |
|  | e | Outline of glass - 8 lines marked | $\mathbf{1}$ |  |
|  | f | $5 / 6$ hidden lines marked | 2 hidden lines marked | $\mathbf{1}$ |
|  | h | 4 lines for cup holder marked |  | $\mathbf{1}$ |



## SECTIONAL END ELEVATION

| Question |  | Expected Answer/s | Max Mark | Additional Guidance |
| :---: | :---: | :--- | :---: | :---: |
| $\mathbf{8}$ | $\mathbf{i}$ | 14 widths marked <br> $11-14$ widths for 2 marks <br> $8-10$ widths for 1 mark | $\mathbf{2}$ |  |
|  | $\mathbf{j}$ | 5 heights marked <br> 5 heights for 2 marks <br> $3-4$ heights for 1 mark | $\mathbf{2}$ |  |
| k | 2 parts hatched correctly <br> Correct BS and conventions for <br> hatching <br> $45^{\circ}$ and differentiated | $\mathbf{1}$ |  |  |
|  |  | $\mathbf{1 4 )}$ |  |  |

[END OF MARKING INSTRUCTIONS]

