

2019 Accounting

Higher

Finalised Marking Instructions

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General marking principles for Higher Accounting

Always apply these general principles. Use them in conjunction with the specific marking instructions, which identify the key features required in candidates' responses.

- (a) Always use positive marking. This means candidates accumulate marks for the demonstration of relevant skills, knowledge and understanding; marks are not deducted for errors or omissions.
- (b) If a candidate response does not seem to be covered by either the principles or specific marking instructions, and you are uncertain how to assess it, you must seek guidance from your team leader.
- (c) Always follow through consequentiality subsequent to a calculative error and give credit for any errors in subsequent calculations or working.
- (d) Mark scored out or erased working which has not been replaced, where still legible. However, if the scored out or erased working has been replaced, mark only the work which has not been scored out.
- (e) For state questions, candidates must list a number of relevant items or facts. These must relate to the context of the question and do not need to be in any particular order.

Up to the total mark allocation for this question

- award 1 mark for each relevant item or fact.
- (f) For **describe** questions, candidates must make a number of relevant factual points, which may be characteristics and/or features, as appropriate to the question asked. These points may relate to a concept, process or situation. Candidates may provide a number of straightforward points or a smaller number of developed points, or a combination of these.

Up to the total mark allocation for this question

- award 1 mark for each relevant factual point
- award 1 mark for any further development of a relevant point, including exemplification when appropriate.
- (g) For analyse questions, candidates must demonstrate their ability to identify, describe and explain relevant parts and the relationships between the parts and/or the whole. Candidates must be able to draw out and relate any implications.

Up to the total mark allocation for this question

- award 1 mark for each relevant point of analysis
- award 1 mark for any further development of a relevant point, including exemplification when appropriate.

Marking instructions for each question

Section 1

| Question | E | expected response | | Max mark | Additional guidance |
|----------|--|--|------------------------|-------------|---|
| 1. (a) | Job Cost Statement for Job 99 ✓ Direct Materials Material X (5,000 kg @ £10 per kg) Material Y (2,500 kg @ £8 per kg) Material Z (1,000 kg @ £30 per kg) | £ 50,000 | £ 100,000 | 9 | *1 mark for X and Z 1 mark for Y |
| | Direct Labour Dept A (24,000 x (3/6) @ £12) Dept B (24,000 hrs x (2/6) @£8) Dept C 24,000 x (1/6) @ £10) PRIME COST ✓ | 30,000 (1)* 144,000 (1) 64,000 (1) 40,000 (1) | 248,000 348,000 | | If machine hours included, maximum 1 mark awarded for correct labour figures. |
| | Overheads 24,000 hrs x £3 per hour | | 72,000 (1) | | |
| | TOTAL COST Profit margin (420,000/70) x 30 | | 420,000 180,000 (2) | | If VAT added before margin, award maximum 1 mark for profit margin. |
| | SELLING PRICE ✓ Heading, labels and arithmetic (1) | | 600,000 | | If VAT shown after profit margin - ignore. |

| Question | ı | | | | Expected | response | | | | | Max mark | Additional guidance |
|----------|-----|---------------------------------|--------------|----------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|--|
| (b) (i |) (| Overhead Analys | is Statement | /Sheet ✓ | | | | | | | 16 | |
| | | Overhead | Basis | Total | Dept A £ | Dept B £ | Dept C £ | Dept D £ | Dept E £ | Marks | | |
| | | Indirect labour | Allocated | £81,800 | £30,000 | £13,100 | £18,700 | £12,300 | £7,700 | 1 (line) | | |
| | | Depreciation of machinery | Value | £72,000 | 18,000 | 16,000 | 24,000 | 8,000 | 6,000 | (3) | | If 1 arithmetic |
| | | Heat and light | Area | £104,000 | 40,000 | 20,000 | 34,000 | 6,000 | 4,000 | (3) | | error award marks, if 2 |
| | | Factory admin | Employees | £9,000 | 4,000 | 1,600 | 2,400 | 400 | 600 | (3) | | errors award 1 mark, if 3 |
| | | Machinery running costs | Mach Hrs | £150,000 | 54,000 | 51,000 | 36,000 | 6,000 | 3,000 | (3) | | or more errors award 0 marks in |
| | | Rent and rates | Area | £26,000 | 10,000 | 5,000 | 8,500 | 1,500 | 1,000 | (3) | | any one line |
| | | Total Departme Overheads | ental | £442,800 | £156,000 | £106,700 | £123,600 | £34,200 | £22,300 | ✓ | | |
| (i | i) | Dept D | Dir Lab Hr | | 15,000 | 7,200 | 10,800 | (34,200) | 1,200 | (3) | 3 | |
| | | | | | £171,000 | £113,900 | £134,400 | - | £23,500 | | | |
| (i | ii) | Dept E | Dir Mch Hr | | 9,000 | 8,500 | 6,000 | | (23,500) | (2) | 3 | If 1 |
| | | Total Production | n Dept Over | heads | £180,000 | £122,400 | £140,400 | | | ✓ | | arithmetic error award |
| | | Correctly heade production depa | • | , | | r departmen | t overheads | in (b)(i) an | d | (1) | | mark, if 2 o more errors award 0 marks. |

| Ques | tion | | Expected response | | | | | | | | | |
|------|-------|--|-------------------|-----|---------|-----|---------|--------|-------------|------------|--|-------------------------|
| (c) |) (i) | verhead absorption rates ept A - £180,000/50,000 = £3.60 per labour hour (1) ept B - £122,400/34,000 = £3.60 per machine hour (1) ept C - £140,400/36,000 = £3.90 per labour hour (1) | | | | | | | | 3 | If £ missing, do not award first mark only. | |
| | (ii) | | | | | | | | | | 5 | |
| | | | Α | | В | | С | | TOTAL | Marks | | * Increase or |
| | | Overheads applied (dept rates) | £43,200 | (1) | £45,360 | (1) | £15,600 | (1) | £104,160 | | | decrease must be |
| | | Factory-wide basis | | | | | | | £72,000 | (1) | | indicated to gain final |
| | | Increase * | | | | | | | £32,160 | (1) | | mark. |
| (d |) | If overheads are underabsorbed, the not cover all of the costs incurred | • | | | • | | ce cha | rged to cus | tomers may | 1 | |

| Ç |)uesti | ion | | Exp | pected response | | | Max mark | Additional guidance |
|------|--------|-------|------------------------|-----------|-----------------|-----------|---------------------|-------------|--|
| 2. P | PART | A | | | | | | 9 | |
| | (a) | (i) | Year 10 | Product A | Product B | Product C | | | If hours worked out |
| | | | Machine hours per unit | 3 | 4 | 2 | | | for each product but not totalled, or if an |
| | | | Current sales demand | 1,000 | 4,000 | 3,500 | | | arithmetic error |
| | | | Total machine hours | 3,000 | 16,000 | 7,000 | 26,000 (2) | | award 1 mark. |
| | | (ii) | Contribution per unit | Product A | Product B | Product C | Total | | |
| | | | Selling Price | £120 | £90 | £106 | | | |
| | | | Less Variable Costs - | | | | | | |
| | | | Materials | £15 | £9 | £12 (1) | | | |
| | | | Labour | £36 | £12 | £36 (1) | | | |
| | | | Variable Overheads | £15 | £5 | £15 (1) | | | |
| | | | | £66 | £26 | £63 | | | If an arithmetic error award 1 mark. |
| | | | Contribution per unit | £54 | £64 | £43 (1) | | | |
| | | (iii) | Total Contribution | £54,000 | £256,000 | £150,500 | £460,500 (2) | | |
| | | | Less Fixed Costs | | | | £70,000 (1) | | |
| | | | Profit | | | | £390,500 | | |
| | | | | | | | | | |

| uesti | on | | | Expecto | ed response | | | | Max mark | Additional guidance |
|-------|-------|--|------------|---------|------------------|------------------|-----|---------------------|-------------|--|
| (b) | (i) | Year 11 Capacity at Year 10 80% 100% capacity (26,000/80 x 100 |)) | | 26,000 32,500 | hours hours (| (1) | | 9 | If no attempt to use limiting factor then award marks |
| | | | Product A | Prod | uct B | Product C | | | | for correct hours (i) and fixed costs and |
| | (ii) | Contribution per unit | £54·00 | | £64·00 | £43·00 | | | | profit (iii). |
| | | Machine hours per unit | 3 | | 4 | 2 | | | | 16.4 |
| | | Contribution per machine hour | £18·00 | | £16·00 | £21·50 (| (2) | | | If 1 error award 1 mark. |
| | | Order of Priority | 2 | | 3 | 1 | | | | |
| | | Allocation of machine hours: | Qty | Hrs | per unit | Total | | Hours remaining | | |
| | | Hours available at full capacity | | | | | | 32,500 | | |
| | | Allocate Product C | 5,000 | | 2 | 10,000 | | 22,500 | | |
| | | Allocate Product A | 4,000 (1 |) | 3 | 12,000 | | 10,500 | | |
| | | Possible production of Product B (10,500/4) | 2,625 (2 | 2) | 4 | 10,500 | | | | |
| | | | Produc | t A | Product B | Product C | | Total | | *2 marks for |
| | (iii) | Contribution per unit | | £54 | £64 | £4 | 43 | | | total |
| | | Number of units | 2 | 1,000 | 2,625 | 5,00 | 00 | | | contribution, any incorrect |
| | | Total Contribution | £216 | 5,000 | £168,000 | £215,00 | 00 | £599,000 (2) | • | contribution for |
| | | Less Fixed Costs | | | | | | £80,500 | | individual product, award |
| | (iv) | Profit | | | | | | £518,500 (1) | | 1 mark. |

| Question | | | Ex | pected response | | | Max mark | Additional guidance |
|----------|---|-----------|-------|-----------------|-----------|-----------------|-------------|--------------------------|
| (c) | Year 12 Proposal | Produc | ct A | | | | 6 | If no attemp to use |
| | Revised Contribution per unit | | £51 | (1) | | | | limiting factor in (b) |
| | Revised Contribution per m/hr | | £17 | | | | | then award |
| | Revised Contribution per in/in | | LIT | | | | | marks for revised |
| | Order of Priority | C, A, B | 3 | | | | | contribution |
| | | | | | | | | per unit and total |
| | Allocation of machine hours | Qty | | Hrs per unit | Total | Hours remaining | | contribution for Product |
| | Hours available at full | Qty | | nis per unic | Total | remaining | | and the fixe |
| | capacity | | | | | 32,500 | | costs and profit - |
| | Allocate Product C | 5,000 | | 2 | 10,000 | 22,500 | | maximum 3 |
| | Allocate Product A | 4,400 | | 3 | 13,200 | 9,300 | | marks. |
| | Possible production of Product B (9300/4) | 2,325 | (2) | 4 | | | | |
| | | Product A | | Product B | Product C | Total | | |
| | Contribution per unit | £5 | 1 | £64 | £43 | | | |
| | Number of units | 4,40 | 0 | 2,325 | 5,000 | | | |
| | Total Contribution | £224,40 | 0 (1) | £148,800 (1) | £215,000 | £588,200 | | |
| | Less Fixed Costs | | | | | £80,500 | | |
| | Profit | | | | | £507,700 (1) | | |

| Question | | Expected response | | | Max mark | Additional guidance |
|----------|---|---|-------------------|-----|-------------|---------------------|
| | ALTERNATIVE SOLUTIONS 1 | | | | | |
| | Product A new Contribution | £51 | | (1) | | |
| | Contribution per machine hour | £17 | | | | |
| | Additional Contribution for 400 units of A | 400 x £51 or * 1,200 x £17 | 20,400 | (1) | | |
| | Reduction in Contribution from 4,000 units of A | | 12,000 | (1) | | |
| | Reduction in Contribution from B | *1,200 (1) hours x £16 or 300 units x £64 | 19,200 | (1) | | |
| | Original Profit | | 518,500 | | | |
| | Reduction | (+20,400-12,000-19,200) | 10,800 | | | |
| | Revised Profit | | 507,700 | (1) | | |
| | Product A new Contribution | £51 | | (1) | | |
| | Loss of Contribution from Product A | 4000 units x £54 | 216,000 | (1) | | |
| | Increase in Contribution from revised Product A | 4400 units x £51 | 224,000 | (1) | | |
| | Reduction in Contribution from B | 1,200 (1) hours x £16 or 300 units x £64 | 19,200 | (1) | | |
| | | 1 | | | 1.1 | 1 |
| | Original Profit | | 518,500 | | | |
| | Original Profit Reduction | (-216,000+224,000-19,200) | 518,500 10,800 | | | |

| Q |)uesti | ion | | | | | | Expected | response | | | | | | Max mark | Additional guidance |
|------|--------|-------|------------------------------|----------------|----------|---------|-----|----------|----------|---------|------|-------|--------|---------|-------------|--|
| 2. 1 | (a) | B (i) | Mixing Process | <u>Account</u> | <u>√</u> | | | | | | | | | | | If complete reversal or not shown as an account, award |
| | | | | | INPUT | S | | Ol | JTPUTS | | | В | ALANCE | | 9 | half marks. |
| | | | Details | Qty | CPU | £ | | Qty | CPU | £ | | Qty | CPU | £ | | If nomenclature |
| | | | Materials from Refining | 4,000 | £5 | £20,000 | (1) | | | | | 4,000 | £5·00 | £20,000 | | error, do not award 1 mark maximum on first occasion. |
| | | | Additional Materials | 2,000 | £2 | £4,000 | (2) | | | | | 6,000 | £4·00 | £24,000 | | If any quantity is |
| | | | Labour | | | £36,000 | (1) | | | | | 6,000 | £10·00 | £60,000 | | entered other than materials, |
| | | | Variable Overheads | | | £15,000 |] | | | | | 6,000 | £12·50 | £75,000 | | do not award mark. |
| | | | Fixed Overheads | | | £6,000 | (1) | | | | | 6,000 | £13·50 | £81,000 | | Normal loss must |
| | | | Normal Loss | | | | | 300 | £4·00 | £1,200 | (1) | 5,700 | £14·00 | £79,800 | | be based on input material |
| | | | Closing Work- in-progress | | | | | 500 | £3·60 | £1,800 | (1) | 5,200 | £15·00 | £78,000 | | quantity. |
| | | | Transfer to Stores | | | | | 5,000 | £15·00* | £75,000 | *(2) | 200 | £15·00 | £3,000 | | If CPU is calculated correctly and |
| | | | Abnormal Loss | | | | | 200 | £15·00* | £3,000 | ** | 0 | 0 | £0 | | applied to both Finished Goods |
| | | | | | | | | | | | | | | | | and Abnormal Loss but Balance is incorrect, award 1 mark. |

| Qu | estio | n | | | | Ex | pected r | esponse | | | | | | | Max mark | Additional guidance |
|----|-------|------|---|--------------------------|------------|---------------------------|------------------------|------------|----------|----------|-----------|-----|---------|--------|-------------|---------------------|
| | | (ii) | Abnormal Loss Account | t ✓ | | | | | | | | | | | 3 | |
| | | | Details | | INPUTS | | | OUT | PUTS | | | E | BALANCE | : | | |
| | | | | Qty | CPU | £ | | Qty | CPU | £ | | Qty | CPU | £ | | |
| | | | Transfer from Mixing | 200 | £15 | £3,000 | **(1) | | | | | 200 | £15 | £3,000 | | |
| | | | Cash and Cash Equiv | | | | | 200 | £4·00 | £800 | 1 | | | £2,200 | | |
| | | | Income Statement | | | | | | | £2,200 | (1) | 0 | 0 | £0 | | |
| | | | Account names, runnir | g balance | and no | arithmetic | al errors | in balar | ice colu | ımn. (1) | | | | | | |
| | (b) | (i) | Process Costing consists Each process represents The output of one proce This continues until the | a differer ess become | nt stage o | of manufac out of anot | ture. (1) ther. (1) | · | | ` ' | ount. (1) | | | | 1 | |
| | | (ii) | Normal loss is anticipate Normal loss is valued at Normal loss cannot be a | 0 or scrap | value w | hereas Abı | normal lo | ss is valu | | | | | (1) | | 2 | |

| Ç | <u>(</u> uesti | on | Expected respon | nse | | | | Max mark | Additional guidance |
|----|----------------|-----|---|----------|--------------|------------|--------------|-------------|--------------------------------|
| 3. | (a) | (i) | Manufacturing Account for Year Ended 31 December Y | ′ear 3 ✓ | | | | 13 | 16.11 |
| | | | | £000 | | £000 | | | If direct costs or |
| | | | Opening inventory of raw materials | | | 80 | | | factory overheads deducted but |
| | | | Purchase of raw materials | 200 | 7 1 | | | | indicated as add, |
| | | | Carriage in on raw materials | 3 | (1) | 203 | | | treat as |
| | | | | | – (-) | 283 | | | arithmetical |
| | | | Closing inventory of raw materials | | | 60 | (1) | | error. |
| | | | COST OF RAW MATERIALS CONSUMED ✓ | | | 223 | (-) | | CITOI. |
| | | | | | | | | | If factory |
| | | | Add Direct Costs | | | | | | overheads |
| | | | Production wages | 120 | (1) | | | | indicated less or |
| | | | Royalties | <u>5</u> | (1) | <u>125</u> | | | no indication and |
| | | | PRIME COST ✓ | | | 348 | | | subtracted, award |
| | | | Add Factory Overheads | | | | | | marks where |
| | | | Rates ((33 + 7) x 80%) | 32 | (1) | | | | possible and |
| | | | Management salaries (60 x 75%) | 45 | (1) | | | | divide by 2. |
| | | | Factory indirect labour | 111 | 7 | | | | |
| | | | Factory (indirect) power | 10 | | | | | 2 marks for all 4 |
| | | | Repairs to factory machinery | 14 | | | | | factory costs. If |
| | | | Factory heat and light | 23 | (2) | | | | one cost incorrect |
| | | | Depreciation of factory machinery (630 - 200) x 20% | 86 | (1) | | | | or missing award |
| | | | Factory cleaning (30/15 x 12) | 24 | (1) | 345 | | | 1 mark. 2 or more costs |
| | | | | | ` ' | 693 | | | missing or |
| | | | Opening inventory of work in progress | | | 45 | 7 1 | | incorrect no |
| | | | p s s s s s s s s s s s s s s s s s s s | | | 738 | | | marks. |
| | | | Closing inventory of work in progress | | | 15 | (1) | | marks. |
| | | | FACTORY COST OF PRODUCTION ✓ | | | 723 | (-, | | If labelled profit |
| | | | Profit on manufacture | | | 277 | _ | | on manufacture |
| | | | MARKET VALUE OF FINISHED GOODS ✓ | | | 1,000 | - (1) | | and negative |
| | | | | 1 | | ., | (-/ | | figure shown, |
| | | | Heading, labels, arithmetic (1) | | | | | | ACCEPT. |

| Question | Expected response | | | | | | Max mark | Additional guidance |
|----------|--|----------|---------|--|-----------------------|-----------------|-------------|--|
| (ii) | Income Statement for Year Ended 31 December Year 3 ✓ Sales revenue Cost of sales Opening Inventory of finished goods Add Market Value of finished goods Less Closing Inventory of finished goods Add: Warehouse expenses Management salaries (60 x 10%) Gross Profit ✓ Heading, label, arithmetic (1) No extraneous items across both statements (1) | 47 6 | (1) | 110 - 1,000 1,110 90 - 1,020 | 1,950 1,073 877 | √ (1) (1) | 6 | If no market value used in manufacturing account, accept factory cost of production. If any item repeated across both statements do not award in correct statement. |
| (b) | Goods that are only part complete. (at the beginning or end o | f the ac | countin | g period) | (1) | | 1 | |

| Q | uestio | on | Expected response | Max mark | Additional guidance |
|----|--------|-----|---|-------------|---------------------|
| 4. | (a) | (i) | Cromer plc Income Statement for year ended 31 December Year 4 ✓ Profit for Year after Tax Add Unappropriated Profit Less Appropriations Goodwill Written Down Ordinary Dividend Preference Dividend Unappropriated Profit ✓ Ordinary Dividend To the profit of the profi | 3 | |

| Question | Expected response | Max mark | Additional guidance |
|----------|--|--------------------------|--|
| Question | Cromer plc Statement of Financial Position as at 31 December Year 4 ✓ Non-Current Assets ✓ Cost Agg Dep NBV Property 690 (30) 720 Office Equipment 300 172 128 | (1) (1) (1) (1) | Additional guidance All 3 figures must be shown to gain award for property. Goodwill must be shown below NCA to gain award. Closing Inventory, Other Receivables and VAT for 2 marks. If only 2, 1 mark. Only 1 - 0 marks. Trade Payables, Other Payables and Corporation Tax needed for 2 marks. If only 2, 1 mark. Only 1 - 0 marks. Value or number of shares missing award 1 mark maximum. If shares not shown first award 1 mark maximum. If Ordinary Shares 400 and Pref Shares 400 award 1 mark maximum. Accept Bonus Shares as separate entry immediately above or below Ordinary Shares. If Share Premium 140, 160, 90 or 100 award 1 mark. |
| | Headings, labels, arithmetic and no extraneous items across parts (a)(i) and (ii | 999 | If Preliminary expenses entered do not award adjustment to Share Premium. |

| Question | Expected response | Max mark | Additional guidance |
|----------|---|-------------|---------------------|
| (b) | Preference shares are part of share equity whereas debentures are non-current liabilities. (1) Preference shareholders may have voting rights whereas debenture holders do not. (1) Preference shareholders carry a fixed rate of dividend whereas debenture holders have a fixed rate of interest. (1) Preference shareholders do not guarantee a return on their investment whereas debenture finance cost must be paid. (1) Preference shares are not repayable whereas Debentures are repayable. (1) Both are long-term sources of finance. (1) | 2 | |

[END OF MARKING INSTRUCTIONS]