ACCOUNTING 9706 GCE A/AS Level FOR EXAMINATION IN 2008

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This regulation applies only to entry by private candidates in the UK and USA. Entry by private candidates through Centres in other countries is not affected.

Further details are available from Customer Services at University of Cambridge International Examinations.

Exclusions

This syllabus must not be offered in the same session with any of the following syllabuses:

7110 Principles of Accounts 9372 Principles of Accounting (Singapore)

You can find syllabuses and information about CIE teacher training events on the CIE Website (www.cie.org.uk).

ACCOUNTING

GCE Advanced Subsidiary Level and GCE Advanced Level 9706

for examination in June and November 2008

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NOTES

Copies of syllabuses, past papers and Examiners' reports are available on CD-ROM and can be ordered using the Publications Catalogue, which is available at www.cie.org.uk under 'Qualifications & Diplomas' – 'Order Publications'.

1 INTRODUCTION

- 1.1 The aim of this syllabus is to enable Centres to develop Accounting courses that are suitable for Advanced Level candidates and for those seeking a more limited study of the subject.
- 1.2 There are three pathways available to candidates (in all cases subject to the correct examination entry being submitted):
 - (a) Those candidates who wish to take the whole of the Advanced Level qualification at the end of a course of study take all four papers together.
 - (b) Those candidates who aim only for an Advanced Subsidiary Level qualification take only Papers 1 and 2.
 - (c) Candidates who wish to follow a **staged** assessment route to the A Level qualification take the Advanced Subsidiary Level first. Subject to satisfactory performance, they then need take only the two Supplement papers in order to complete the A Level.
- 1.3 No previous study of the subject is assumed by the syllabus. It is, however, desirable.

2 AIMS

- 2.1 The syllabus is intended to encourage courses that will enable students to:
 - (a) develop an ability to apply accounting concepts, principles and practices;
 - understand the role of accounting as an information system for monitoring, problemsolving and decision making and the place of accounting in changing economic, social and technological environments;
 - (c) develop a critical and analytical approach to examining and evaluating accounting policies and practices;
 - (d) develop skills of communication, analysis, interpretation and presentation of both qualitative and quantitative accounting information.

3 ASSESSMENT OBJECTIVES

- 3.1 Candidates are expected to:
 - 1 DEMONSTRATE KNOWLEDGE AND UNDERSTANDING of the accounting procedures and practices in the specified content and the principles on which these are based;
 - 2 APPLY knowledge and understanding of accounting procedures, practices and principles to familiar and novel situations;
 - 3 SELECT, ORDER, ANALYSE and PRESENT information in an appropriate accounting form;
 - 4 PRESENT REASONED EXPLANATIONS, understand implications and communicate them in a clear and logical manner;
 - 5 MAKE JUDGEMENTS, recommendations and decisions based on accounting information and principles.
- 3.2 The Multiple Choice components (Papers 1 and 3) will seek to test Assessment Objectives 1, 2 and 3.

The written papers (Papers 2 and 4) will also seek to test mainly Assessment Objectives 1, 2 and 3, but to a lesser extent will also test Assessment Objectives 4 and 5.

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Theme		Topic	AS Level	Advanced Level
	A	Recording Financial Information	Examined at AS	May be examined at A Level
THE ACCOUNTING SYSTEM	Ш	Accounting Principles	Examined at AS	May be examined at A Level
	ပ	Control Systems	Examined at AS	May be examined at A Level
	٥	Preparation of Financial Statements	Examined at AS	Includes additional content at A Level
	ш	Capital	Examined at AS	Includes additional content at A Level
FINANCIAL ACCOUNTING	ш	Business Purchase	I	Examined at A Level
	G	Published Company Accounts	ı	Examined at A Level
FINANCIAL REPORTING AND	т	Interpretation and Analysis	Examined at AS	Includes additional content at A Level
ATION	_	Company Financing	ı	Examined at A Level
	ר	Costing Principles and Systems	Examined at AS	Includes additional content at AL
ELEMENTS OF MANAGERIAL	×	Budgeting	I	Examined at A Level
	_	Standard Costing	I	Examined at A Level
	Σ	Investment Appraisal	I	Examined at A Level

4 SCHEME OF ASSESSMENT

ADVANCED SUBSIDIARY LEVEL

Paper	Туре	Duration	Number of questions	Maximum mark on paper	Approx. weight (% of total marks for syllabus)
1	Multiple Choice (AS Topics)	1 hour	30	30	30
2	Structured Questions (AS Topics)	1 hr 30 mins	3	90	70

The first question in Paper 2 will always be based on the final accounts of sole traders or partnerships.

ADVANCED LEVEL

Paper	Туре	Duration	Number of questions	Maximum mark on paper	Approx weight (% of total marks for syllabus)
1	Multiple Choice (AS Topics)	1 hour	30	30	15
2	Structured Questions (AS Topics)	1 hr 30 mins	3	90	35
3	Multiple Choice (Supplement Topics)	1 hour	30	30	15
4	Problem Solving (Supplement Topics)	2 hours	3	120	35

Papers 1 and 2 for Advanced Level are the same as Papers 1 and 2 for Advanced Subsidiary Level.

Each item on Paper 3 will test a topic in the A Level Supplement part of the syllabus, but may also require a knowledge and understanding of the AS Level syllabus.

Each of the three questions in Paper 4 will test a topic or topics in the A Level Supplement part of the syllabus, but may also require a knowledge and understanding of the AS Level syllabus.

Please turn over

5 CURRICULUM CONTENT

AS LEVEL

Content

Notes of Amplification

THE ACCOUNTING SYSTEM

A. Recording Financial Information

The recording and processing of accounting Double entry bookkeeping, journal entries, data based on the double-entry system of accruals, prepayments, bad debts and the accounting. provision for doubtful debts. The distinction between capital and revenue incomes and expenditures and the treatment of tangible fixed assets including their depreciation, disposal and revaluation. The treatment of current assets, current liabilities, long-term liabilities, capital and reserves. **B. Accounting Principles** The recognition and application of accounting The principles, concepts and conventions which underlie the accounting process concepts. including going concern, matching, accruals, prepayments, consistency and materiality. The importance of a true and fair view, and of prudence and substance over form. The use of the business entity, historical cost and revaluation as features of the recording system.

C. Control Systems

Principles of accounting control systems.

The Trial Balance, Bank Reconciliations, Suspense accounts, Control accounts and the Correction of Errors and consequent adjustments to the Profit and Loss Account and Balance Sheet.

Content

Notes of Amplification

THE ACCOUNTING SYSTEM

Knowledge of all the material in the AS Level syllabus is assumed at A Level (but will not be tested in detail).

Content	Notes of Amplification

FINANCIAL ACCOUNTING

D. Preparation of Financial Statements

The periodic determination of profit (or earnings) and overall financial position based on historical cost data and generally accepted accounting principles and policies, conventions and practices which relate to:

- (a) Sole Traders and Private Limited Companys.
- (b) Partnerships
- (c) non-profit making (not for profit) organisations
- (d) accounts prepared from incomplete records or where financial records are deficient or erroneous

A general knowledge and understanding of the accepted principles and application of Stock Valuation, Depreciation and Goodwill as it applies to the above.

This section covers the preparation of final accounts, namely: Manufacturing, Trading, Departmental, Profit and Loss Accounts, Appropriation Accounts, and Balance Sheets, in good style and format.

Manufacturing, Trading, Departmental, Profit and Loss Accounts and Balance Sheets.

• The Published accounts of PLCs are **not** examined at AS level

Only the preparation of Partnership Appropriation accounts, Current accounts and Capital accounts will be tested at AS level.

profit) For example, clubs and societies.

Stock valuation

The calculation of closing stock valuations using the FIFO, LIFO and AVCO methods (perpetual and periodic).

The effect of different methods of stock valuation on profit and the stock valuation in the Balance Sheet.

The different characteristics of, and the appropriateness of, using FIFO, LIFO and AVCO.

The principle of applying the lower of cost or net realisable value when valuing closing stock

• Questions will **not** be set on long-term contracts.

Depreciation

The causes of depreciation: physical deterioration, economic factors, obsolescence, inadequacy and the passage of time.

The terminology used in accounting for depreciation: cost, useful asset life, residual (scrap) value.

The reasons for accounting for depreciation and the application of relevant accounting concepts.

Financial Accounting for AS Level is continued on Page 10.

Content	Notes of Amplification

FINANCIAL ACCOUNTING

D. Preparation of Financial Statements

Knowledge of all the material in the AS Level As for the AS Level syllabus opposite, plus: syllabus opposite is assumed. The preparation of cash flow statements in good style and format and in accordance with current accountancy standards such as FRSI in UK.

The internal final accounts of Limited Companies

Changes in partnership, including the admission and retirement of a partner, changes in profit-sharing ratios, dissolutions and their effects on asset revaluations and goodwill.

Goodwill adjustments in partners' capital accounts

- (i) with the introduction of a goodwill account in the firm's books, and
- (ii) when no goodwill account is to be introduced.

Content

Notes of Amplification

FINANCIAL ACCOUNTING (continued)

The calculation of depreciation: reducing balance, straight-line and revaluation methods.

The calculation of profit or loss on disposal of fixed assets; ledger accounts and journal entries for fixed assets, depreciation and disposal; the application of relevant accounting concepts.

Goodwill

The concept and treatment of goodwill as it applies to Sole Traders and Limited Companies. (Partnership treatment of goodwill is in A Level only)

A knowledge of taxation is not required.

Questions will not be set on any aspects of:

- Brand names
- Container accounts
- Joint ventures
- Royalties
- Investment accounts involving the apportionment of income and capital
- Piecemeal dissolution of partnership, or the rule in Garner versus Murray
- Bills of exchange
- Group or Consolidated accounts
- Hire purchase accounts or branch and consignment accounts are also excluded.

Please turn over

AS LEVEL

Content	Notes of Amplification
E. Capital	
The raising of capital.	The main types of share capital: ordinary shares; preference shares (cumulative, non- cumulative, participating and redeemable). The principles of overdrafts; trade credit and factoring; loans and debentures. The effect on the Balance Sheet of the issue of shares.
	The effect on the Balance Sheet of bonus and rights issues.
	• Questions will not be set on forfeiture of shares, redemption and purchase of own shares by a company, or on convertible loan stock.
	 Questions will not be set involving the detailed procedure or book-keeping entries for share issues.
	• Questions will not be set on the published accounts of Limited Companies.
F. Business Purchase	This topic is NOT in the AS Level syllabus.
G. Published Company Accounts	This topic is NOT in the AS Level syllabus.

Content	Notes of Amplification

E. Capital

The whole of the AS Level syllabus opposite, plus the following:

(a) Repayment of share capital.

As for the AS Level syllabus opposite, plus the following:

The effect on the Balance Sheet of the redemption of shares, capital reductions and reconstructions.

- (b) Redemption and purchase of own shares.
- (c) Repayment of debentures.
- (d) Convertible loan stock.

• Questions will **not** be set on forfeiture of shares.

 Questions will **not** be set involving the detailed procedure or book-keeping entries for share issues, capital reductions or reconstructions.

F. Business Purchase

The purchase of an unincorporated business by a limited company.

The purchase of assets, and the assumption of liabilities of one business by another, or by a new company which buys one or more existing businesses.

Evaluating a business with a view to acquiring it.

G. Published Company Accounts

Principles governing the disclosure requirements of company annual reports covering:

- (a) Report of the Directors;
- (b) Profit and Loss Account;
- (c) Balance Sheet;
- (d) Cash Flow Statement.

An appreciation of return on investment; calculation of goodwill and negative goodwill; purchase of a business by issue of shares, debentures, and by cash.

The main disclosure requirements relating to published corporate reports.

Disclosure of accounting policies.

Familiarity with the requirements to disclose details concerning fixed assets, depreciation, directors' remuneration, and auditors' remuneration.

• Questions which rely wholly or mainly on the Companies Acts concerning the format of published accounts will **not** be set.

Content Notes of Amplification	
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FINANCIAL REPORTING AND INTERPRETATION

H. Interpretation and Analysis

Users of financial statements.	The differing requirements for information of user groups including management, shareholders, employees, potential investors, creditors, government, public and environmental bodies.
Calculation of ratios.	Ratios to aid the appraisal of profitability, liquidity and efficiency.
	The calculation of the following specific ratios:
	Return on capital employed Gross profit and net profit as a percentage of turnover Sales to capital employed Expense ratios Sales to fixed assets Current ratio Liquid (acid test) ratio Stock turnover (times and days) Debtor collection period (days) Creditor payment period (days).
Analysis and interpretation of accounting information	The presentation, analysis and interpretation of accounting information as an aid to decision making by user groups; inter-firm comparisons and trend analyses.
Limitations of accounting information	The limitations of accounting information. The difficulties of comparison presented by subjectivity, time lapse, monetary measurement and other external factors.
I. Company Financing	This topic is NOT in the AS Level syllabus.

Content

Notes of Amplification

FINANCIAL REPORTING AND INTERPRETATION

H. Interpretation and Analysis

Builds on the whole of the AS Level syllabus Ratios to aid the appraisal of financial structure; opposite; questions may be set on all ratios in Syllabus (both AS and A Level).

gearing and Stock Exchange ratios.

I. Company Financing

The financing of companies including capital gearing, capital structures, and loan capital. The bases of modern financial reporting and its limitations.

Rights and bonus issues.

An understanding of the disclosure standards adopted by quoted companies. A basic knowledge of SSAP 9 (not long term contract), SSAP 13, FRS 1, FRS 3, FRS 10, FRS 15 and FRS 18 and how these standards relate to topics in the syllabus.

Content

Notes of Amplification

ELEMENTS OF MANAGERIAL ACCOUNTING

J. Costing Principles and Systems

L. Standard Costing	This topic is NOT in the AS Level syllabus.
K. Budgets	This topic is NOT in the AS Level syllabus.
	• Questions will not be set on process costing.
Costing systems	Costing systems as used for job, unit, and batch costing, including the calculation of stock values.
	The uses and limitations of marginal costing and absorption costing.
	The allocation and apportionment of overhead expenditure between production and service departments and the calculation of overhead absorption rates; under absorption and over absorption of overheads.
	The classification of direct and indirect material and labour costs, other direct expenses and overhead expenditure.
Absorption (Total) Costing	Making simple business decisions using absorption costing.
	The evaluation and interpretation of cost- volume-profit data and its value as a support for management decision making.
	The advantages and limitations of cost-volume- profit analysis.
	The calculation of the break-even point, contribution to sales ratio and margin of safety, the preparation and use of break-even graphs and contribution to sales (profit/volume) graphs.
	The concept of contribution and its application to the calculation of sales, cost and profit data.
Marginal (Variable) Costing	Making simple business decisions using marginal costing.
Cost accounting for material, labour and overheads.	The elements of cost: cost classification and ascertainment of fixed, variable and semi- variable costs, stepped costs, total costs, unit costs and sunk costs.

Content

Notes of Amplification

ELEMENTS OF MANAGERIAL ACCOUNTING

J. Costing Principles and Systems

A knowledge of all the material in the AS Level syllabus opposite, plus:

Process costing, including by-products and waste products and the calculation of work in progress.	Absorption costing		
	Marginal costing		
	Relevant costs and the preparation of costing reports for use in decision-making circumstances. Availability of materials and labour and limiting factors relating to production and capacity.		
K. Budgets	Advantages of using budgets. The preparation of budgeted profit and loss accounts and balance sheets. Principal budget factors and the flexing of budgets.		
L. Standard Costing			

L. Standard Costing

Establishing cost standards for unit costs, and variance analysis involving usage and price variances.

Types of cost standard. Standard hours and calculation of a standard unit price. Calculation of sales volume and price variances; materials usage and price variances; labour efficiency and rate variances.

The calculation of overhead and sales mix • variances is not required. Questions will not be set on standard costing involving several processes through which a product may pass.

AS LEVEL

Content

Notes of Amplification

M. Investment Appraisal

This topic is **NOT** in the AS Level syllabus.

A LEVEL

Content	Notes of Amplification
M. Investment Appraisal	
The elements of investment appraisal including discounted cash flow methods.	Capital investment appraisal to include: Ascertainment of future net cash flows Payback Discounted payback Accounting rate of return (ARR). Discounting methods for calculating the net present value and internal rate of return. Advantages and disadvantages of using different methods of investment appraisal.
Other factors affecting investment decisions. Sensitivity analysis.	Critical changes in initial outlay and future net cash flows.

SUMMARY OF COMMONLY USED RATIOS (AS and A Level)

1. **PROFITABILITY RATIOS**

Gross Profit Ratio margin (also known as Gross Profit percentage) = $\frac{\text{Gross Profit}}{\text{Net Sales}} \times 100$ (i)

Mark up =
$$\frac{\text{G.P.}}{\text{C.O.S}} \times 100$$

Net Profit Ratio (also known as Net Profit percentage) = $\frac{NPBI}{Net Sales} \times 100$ (ii)

can also be expressed as $\frac{\text{Net Profit}}{\text{Net Sales}}$ (after interest)

[Uses NPBI – Net Profit before interest i.e. add back interest]

Return on Capital Employed = $\frac{NPBI}{Capital Employed} \times 100$ (iii)

[Capital Employed = Issued Shares + Reserves + Long Term Liabilities]

Return on Equity = $\frac{\text{Net Profit after Preference Dividends}}{-100} \times 100$ (iv) Equity

[Equity = Issued Ordinary Shares + Reserves]

(v) Return on Total Assets =
$$\frac{NPBI}{Total Assets} \times 100$$

[Total Assets = Fixed Assets + Current Assets]

2. <u>LIQUIDITY</u>

(i) Current Ratio =
$$\frac{\text{Current Assets}}{\text{Current Liabilities}}$$

(ii) Liquid Ratio = $\frac{\text{Current Assets} - \text{Stock}}{\text{Current Liabilities}}$

(Also known as 'Acid Test' or 'Quick Ratio')

(iii) Debtors Turnover =
$$\frac{\text{Debtors}}{\text{Credit Sales}} \times 365 \text{ days}$$

(iv) Creditors Turnover =
$$\frac{\text{Creditors}}{\text{Credit Purchases}} \times 365 \text{ days}$$

(v) Stock Turnover =
$$\frac{\text{Average Stock}}{\text{Cost of Goods Sold}} \times 365 \text{ days}$$

$$Or$$
 Rate of Stock Turn = $\frac{Cost of Goods Sold}{Average Stock}$ (answer given in times)

A Level ONLY

(vi) Working Capital Cycle (in days) = Debtors Turnover +Stock Turnover- Creditors Turnover

(vii) Gearing Ratio =
$$\frac{\text{Fixed Cost Capital}}{\text{Total Capital}}$$

Which is:

Long Term Liabilities + Preference Share Capital

Issued Ordinary Share Capital + All Reserves + Long Term Liabilities + Preference Shares

3. INVESTMENT RATIOS (STOCK EXCHANGE RATIOS) A LEVEL ONLY

(i) Ea	Earnings per share = <u>Net Profit – Preference Share Dividend</u>
	No. of issued Ordinary Shares
	Drice Ferninge Deting Market Price per share
(ii)	Price Earnings Ratio = Earnings per share
(iii)	Dividend yield = Dividend paid and proposed
. ,	Market Price of share
(iv)	Dividend cover =
	Ordinary dividend paid
<i>,</i> ,	Ordinary dividend paid
(v)	Dividend per share = Number of issued ordinary sales
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- Ratios should be calculated using year-end balances where appropriate, unless the question specifies the use of average figures.
- Ratios should be calculated to the number of decimal places required by the question.

RESOURCE LIST

This is **NOT** a list of prescribed texts, but merely an attempt to provide a range of alternatives from which teachers may like to choose.

Student Textbooks

author	title	publisher	ISBN	date
Harold Randall	Accounting: A Level and AS Level *Endorsed Textbook*	CUP	0521539935	2004
David Cox	Business Accounts	Osborne	1872962580	1999
lan Harrison	Introducing Accounting for AS	Hodder and Stoughton	0340873051	2004
Ian Harrison	Advanced Accounting for A2	Hodder and Stoughton	0340873124	2004
Ian Harrison	The Complete A-Z Accounting Handbook	Hodder and Stoughton	0340691247	2003
Ian Harrison	A Level Study Guide: Accounting	Letts	1857583906	1996
Riad Izhar and Janet Hontoir	Accounting, Costing and Management	Oxford UP	0198328230	2001
Harold Randall	A Level Accounting (3rd edn)	Letts Educational	1858051622	1996
Frank Wood	A Level Accounting	FT Prentice Hall	0273631616	1998

Teacher's Resources

Catherine Coucom	Professional Development for Teachers: Teaching and Assessing Skills in Accounting	CUP	0521543673	2005
Ian Harrison	The Complete A-Z Accounting	Hodder and Stoughton	0340 872667	2005
Frank Wood and Alan Sangster	Business Accounting 1 (10 th Edition)	Prentice Hall	0273681494	2005
Frank Wood and Alan Sangster	Business Accounting 2 (10 th Edition)	Prentice Hall	0273693107	2005

Online Resources:

- 1 <u>http://www.osbornebooks.co.uk/pdf/resources_accounting.pdf</u> If problems are experienced with this site, select <u>http://www.osbornebooks.co.uk/resources.html</u> then select Student Resources, Select Accounting and Finance and the Select Accounting Documents.pdf)
- 2 <u>http://www.nrbarton.co.uk/Bookkeeping/index.html</u>
- 3 <u>http://accounting10.tripod.com/content.htm</u>
- 4 <u>http://www.askltd.com/askjava/Intro.htm</u>
- 5 http://www.staffs.ac.uk/schools/business/bsadmin/staff/s5/mscproj/defn.htm
- 6 http://www.bized.ac.uk/compfact/ratios/
- 7 http://www.bized.ac.uk/stafsup/options/accounting/index.htm
- 8 <u>http://www.accountingeducation.com/links/index.cfm</u> (useful to focus searching to relevant areas)
- 9 <u>http://www.carolworld.com/</u> (Company Annual Reports Online site;commercial final accounts)
- 10 <u>http://www.bbc.co.uk/schools/gcsebitesize/business/finance/index.shtml</u> (covers aspects of the syllabus)
- 11 <u>http://www.business-studies.co.uk/accounts.htm</u> (Business Studies but some relevant resources for Accounting)
- 12 <u>http://www.tutor2u.net/revision_notes_accounting.asp</u> (Business_Studies_but_relevant resources for Accounting)
- **13** <u>http://www.learncie.org.uk/Login.aspx?ReturnUrl=%2fDefault.aspx</u> (Business Studies but some relevant resources for Accounting)
- **14** <u>http://www.accaglobal.com/publications/studentaccountant/technician/</u> (ACCA Student Accountant site with some relevant articles)