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TDLY86 - HARPER JAYLEEN

Illustrated revision and practice. Absolute clarity is the aim with a new generation of revision guide for the 2020s. This guide has been expertly compiled and edited by successful former teachers of Computer Science, highly experienced examiners and a good dollop of scientific research into what makes revision most effective.

Ensure full coverage of the latest syllabus for examination from 2018 with a full-colour textbook written especially for the international student and endorsed by Cambridge Assessment International Education. - Engage students with a wide range of extracts featuring different types of text from around the world - Develop writing and reading skills with tips on how to approach different types of writing and plenty of practice exercises in each unit - Prepare your students for their examination with practice questions and exam preparation advice

Up-to-date resources providing full coverage of Cambridge IGCSE® First Language English (0500 and 0522) for first examination in 2015. This Fourth edition

Coursebook is designed to support the Cambridge IGCSE First Language English (0500) and Cambridge International Level 1/Level 2 Certificate First Language English (0522). It teaches all the skills required for the Cambridge IGCSE and includes activities on a variety of engaging topics, set out in 14 lively, full-colour units. All our supporting resources, like audio files and answer sheets, have now moved to Cambridge GO. Go to Cambridge GO to register and access files for any of your Cambridge titles. If you already have an account, just log in and go to 'add new resources'.

This Cambridge IGCSE® Mathematics Core and Extended series has been authored to meet the requirements of the Cambridge IGCSE® Mathematics syllabus (0580/0980), for first examination from 2020. This second edition of Cambridge IGCSE® Mathematics Core and Extended Coursebook offers complete coverage of the Cambridge IGCSE Mathematics (0580/0980) syllabus. It contains detailed explanations and clear worked examples, followed by practice exercises to allow students to consolidate the required mathematical skills. The course-

book offers opportunities for checking prior knowledge before starting a new chapter and testing knowledge with end-of-chapter and exam-practice exercises. Core and Extended materials are presented within the same book and are clearly signposted to allow students to see the range of mathematics required for study at this level. Answers are at the back of the book.

This title is endorsed by Cambridge Assessment International Education to support the full syllabus for examination from 2021. Develop computational thinking and ensure full coverage of the revised Cambridge Assessment International Education AS & A Level Computer Science syllabus (9618) with this comprehensive Student's Book written by experienced authors and examiners. - Improve understanding with clear explanations, examples, illustrations and diagrams, plus a glossary of key terms - Reinforce learning with a range of activities, exercises, and exam-style questions - Prepare for further study with extension activities that go beyond the requirements of the syllabus and prompt further investigation about new developments in technology - Follow a structured route through the course with in-depth coverage of the full AS & A Level syllabus - Answers are available online www.hoddereducation.co.uk/cambridgeextras Also available in the series Programming skills workbook ISBN: 9781510457683 Student eTextbook ISBN: 9781510457614 Whiteboard eTextbook ISBN: 9781510457621

This resource is written to follow the updated IGCSE® Computer Science syllabus 0478 with examination from June and November 2016. This Teacher's Resource CD-ROM goes alongside the Cambridge IGCSE® Computer Science

Coursebook and provides support for teachers teaching the Cambridge IGCSE® and O-Level Computer Science syllabuses (0478 and 2210). It contains lesson notes, additional worksheets and homework ideas.

This title is endorsed by Cambridge Assessment International Education to support the full syllabus for examination from 2023. Benefit from the knowledge of our renowned expert authors to navigate through the content of the updated Cambridge IGCSETM and O Level Computer Science syllabuses (0478/0984/2210). - Develop computational thinking and problem-solving skills: clearly-explained concepts are followed by opportunities to implement in the programming language of choice. - Build an understanding of computer systems and associated technologies: carefully prepared worked examples explain new ideas alongside activities to test and consolidate. - Navigate the syllabus confidently: supplementary subject content is flagged clearly, with introductions to each topic outlining the learning objectives. - Satisfy curiosity: students are encouraged to deepen their knowledge and understanding of the subject with Extension Activities and Find Out More. - Consolidate skills and check understanding: self-assessment questions, activities and exam-style questions are embedded throughout the book, alongside key definitions of technical terms and a glossary. Answers to the Student Book are available in Cambridge IGCSE and O Level Computer Science Teacher's Guide with Boost Subscription 9781398318502

This resource is written to follow the updated Cambridge IGCSE® Computer Science syllabus 0478 with examination from June and November 2016. Cambridge IGCSE® and O Level Computer Science Programming Book for Python ac-

companies the Cambridge IGCSE and O Level Computer Science coursebook, and is suitable for students and teachers wishing to use Python in their studies. It introduces and develops practical skills to guide students in developing coding solutions to the tasks presented in the book. Starting from simple skills and progressing to more complex challenges, this book shows how to approach a coding problem using Structure Diagrams and Flow Charts, explains programming logic using pseudocode, develops Python programming skills and gives full solutions to the tasks set.

Endorsed by Cambridge Assessment International Education Now including Brian Sargent in the expert author team, alongside first edition authors Graham Brown and David Watson, this book has been fully revised and updated to cover every part of the latest Cambridge IGCSE ICT (0417) syllabus. - Written by experts, who bring a wealth of theoretical knowledge and practical experience to both the book and the CD - Ensures that students are fully prepared for both the written theory paper as well as the two practical papers - Covers each section of the syllabus with clear explanations and plenty of tasks and activities Every Student's Book includes a CD that contains source files for the tasks and activities. Answers to all questions can be found on the Teacher's CD Rom.

Teaches basic syntax and programming techniques and introduces three modules; Tkinter, SQLite, and pdb.

This series is for the Cambridge International AS & A Level IT syllabus (9626) for examination from 2019. This coursebook provides a clear and comprehensive guide to assist students as they develop theoretical and practical IT skills. It contains detailed explanations of theoretical

and practical concepts and tasks, with worked examples and exercises to consolidate knowledge. Practical tasks are offered throughout the book, with source files on the accompanying CD-ROM, to help students build and develop their practical knowledge.

Fully covers the Cambridge IGCSE Computer Studies syllabus (0420), offering valuable practical support for students. Written by experienced teachers and examiners of Cambridge IGCSE Computer Studies, this highly illustrated coursebook covers both the theoretical and applied aspects of the course. It includes self-assessment questions and tasks throughout to reinforce learning. It offers clear learning objectives, chapter summaries and plenty of exam practice. The accompanying Student's CD-ROM provides guidance on study skills, revision and exam technique along with revision tests with answers, and exemplar exam answers. Now available in both print and e-book formats. The e-book includes both the print version and materials from the Student CD-ROM.

Written specifically for Cambridge Assessment International Education's revised Lower Secondary syllabus, this series provides complete curriculum framework coverage for Stages 7-9. It has been written by an experienced author team and provides a seamless link into Cambridge IGCSE, maximising students' potential.

These resources have been created for the Cambridge IGCSE® and O Level Additional Mathematics syllabuses (0606/4037), for first examination from 2020. This coursebook gives clear explanations of new mathematical concepts followed by exercises. This allows students to practise the skills required and gain the confidence to apply them. Class-

room discussion exercises and extra challenge questions have been designed to deepen students' understanding and stimulate interest in Mathematics. Answers to coursebook questions are in the back of the book.

Illustrated revision and practice. Over 500 marks worth of examination style questions. Answers provided for all questions within the book. Illustrated topics to improve memory and recall. Specification references for every topic. Examination tips and techniques. Free Python solutions pack. Absolute clarity is the aim with a new generation of revision guide for the 2020s. This guide has been expertly compiled and edited by successful former teachers of Computer Science, highly experienced examiners and a good dollop of scientific research into what makes revision most effective. Past examinations questions are essential to good preparation, improving understanding and confidence. This guide has combined revision with tips and more practice questions than you could shake a stick at. All the essential ingredients for getting a grade you can be really proud of. Each specification topic has been referenced and distilled into the key points to make in an examination for top marks. Questions on all topics assessing knowledge, application and analysis are all specifically and carefully devised throughout this book.

Endorsed by Cambridge Assessment International Education. Develop computational thinking and programming skills with complete coverage of the latest syllabus from experienced examiners and teachers. - Follows the order of the syllabus exactly, ensuring complete coverage - Introduces students to self-learning exercises, helping them learn how to use their knowledge in new scenarios - Accompanying animation files of the key

concepts are available to download for free online.

www.hoddereducation.co.uk/cambridgeextras-1 - Answers are available on the Teacher's CD. This book covers the IGCSE (0478), O Level (2210) and US IGCSE entry (0473) syllabuses, which are for first examination 2015. It may also be a useful reference for students taking the new Computer Science AS level course (9608).

Endorsed by Cambridge Assessment International Education to support the full syllabus. The bestselling title, developed by International experts - now updated to offer comprehensive coverage of the core and extended topics in the latest syllabus. - Includes a student's CD-ROM featuring interactive tests and practice for all examination papers - Covers the core and supplement sections of the updated syllabus - Supported by the most comprehensive range of additional material, including Teacher Resources, Laboratory Books, Practice Books and Revision Guides - Written by renowned, expert authors with vast experience of teaching and examining international qualifications. Answers to all questions are available on the Teacher's CD Rom.

This Practice Book supports the existing and bestselling edition of IGCSE Chemistry Student's Book. - The perfect resource to use throughout the course to ensure you learn the topics and practise the content of the Cambridge IGCSE syllabus. - Contains a wealth of levelled questions, including Stretch and Challenge for higher ability students. - Plenty of exam-style questions and actual exam questions from past Cambridge exam papers for exam success.

Absolute clarity is the aim with a new generation of revision guide for the 2020s. This guide has been expertly

compiled and edited by successful former teachers of Computer Science, highly experienced examiners and a good dollop of scientific research into what makes revision most effective. Past examinations questions are essential to good preparation, improving understanding and confidence. This guide has combined revision with tips and more practice questions than you could shake a stick at. All the essential ingredients for getting a grade you can be really proud of. Each specification topic has been referenced and distilled into the key points to make in an examination for top marks. Questions on all topics assessing knowledge, application and analysis are all specifically and carefully devised throughout this book.

We are working with Cambridge Assessment International Education to gain endorsement for this forthcoming series. Reinforce learning and deepen understanding of the key concepts covered in the latest syllabus; an ideal course companion or homework book for use throughout the course. - Develop and strengthen skills and knowledge with a wealth of additional exercises that perfectly supplement the Student's Book. - Build confidence with extra practice for each lesson to ensure that a topic is thoroughly understood before moving on. - Fully explore and analyse international businesses through exercises based on authentic case studies. - Keep track of students' work with ready-to-go write-in exercises. - Save time with all answers available in the Online Teacher's Guide. Available in this series: Student Textbook Fifth edition (ISBN 9781510421233) Student eTextbook (ISBN 9781510420106) Whiteboard eTextbook (ISBN 9781510420113) Workbook (ISBN 9781510421257) Online Teacher's Guide (ISBN 9781510424128)

Study and Revision Guide (ISBN 9781510421264)

Build confidence for the Extended part of the latest Cambridge IGCSE syllabus (0580) with the trusted and rigorous approach of Complete Mathematics, now in its Fifth Edition. From renowned author David Rayner, the practice-based approach ensures top Cambridge IGCSE results.

Tackling A Level projects in Computer Science for OCR H446 is the essential student guide for completing the project and, in particular, the report, with confidence and independence. It contains clear and concise instruction and examples of what needs to be included. This book covers it all

Help students to develop and apply problem solving and computational thinking skills in context with the practical, step-by-step approach of Complete Computer Science. This comprehensive text supports the latest Cambridge IGCSE (0478) & O Level (2210) syllabuses. Build strong achievement with extensive programming support and plenty of practice exercises that ensure through understanding of trickier topics like number representation, flowcharts, pseudocode and databases. Challenge students who have the potential to excel with plenty of stretching extension material. Written by highly experienced authors and examiners, Complete Computer Science is also supported by an extensive Teacher Guide, to help you deliver the course effectively.

The aim of this book is to provide a comprehensive and accessible text for students, covering Papers 1 and 2 in the latest OCR GCSE J277 Computer Science specification. It will be invaluable as a course text for students throughout the course. It is divided into eight sections,

each broken down into manageable chapters of roughly one lesson. Sections 6 and 7 of the textbook cover algorithms and programming fundamentals with a theoretical approach to provide students with experience of writing, tracing and debugging pseudocode solutions without the aid of a computer. These sections would complement practical programming experience. Each of the eight sections cover one of the major topics in this course, and each subtopic contains sample examination questions from past papers, which can be set as homework.

The Cambridge IGCSE & O Level Complete Biology Workbook, part of the rigorous and trusted Complete Science series, supports independent practice both inside and outside the classroom to strengthen students' exam potential.

Full teacher support to accompany the Cambridge IGCSE(R) Design and Technology Student Book for syllabus 0445. These resources will enable teachers to use a structured approach to delivering the course, but will also allow them enough flexibility to teach in their own way, in the best way possible for their classroom context.- Comprehensive coverage for syllabus 0445- Fully supports the approach of the Student Book, using scenarios and skills-building to link together the theory and practical parts of the syllabus- Lesson plans and activities that are suitable for a range of international classroom environments, along with activity sheets for every topic in the Student Book- Includes answers to every activity and question in the Student Book- Guidance on setting up and running practical project work in the classroom- Support in how to prepare the students and guide them through their work on the final project- Accompanied by additional material for students and teachers online

at Collins Connect, including the full Student Book online, interactive quizzes and activity sheets- Written by highly experienced teachers of Design and Technology from around the world- Guidance on how this resource can be used to teach 7048 O Level CDT: Design and Communication, and 6043 O Level Design and Technology- This text has not been through the Cambridge endorsement process.

Build confidence for the latest Cambridge syllabus with the practical, skills-based approach of Complete Computer Science. The Student Book is supported by an extensive Teacher Guide to help you effectively deliver the course. Ensure understanding and strengthen achievement with extensive programming support and practical activities.

The Cambridge IGCSE Chemistry Revision Guide supports students through their course, containing specifically designed features to help students apply their knowledge as they prepare for assessment. This Revision Guide offers support for students as they prepare for their Cambridge IGCSE Chemistry (0620) exams. Containing up to date material that matches the syllabus for examination from 2016 and packed full of guidance such as Worked Examples, Tips and Progress Check questions throughout to help students to hone their revision and exam technique and avoid common mistakes. These features have been specifically designed to help students apply their knowledge in exams. Written in a clear and straightforward tone, this Revision Guide is perfect for international learners.

This title is endorsed by Cambridge Assessment International Education to support the full syllabus for examination from 2023. Written by renowned expert

authors, our updated resources enable the learner to effectively navigate through the content of the updated Cambridge IGCSE(TM) Information and Communication Technology syllabuses (0417/0983). - Develop skills when working with documents, databases and presentations: detailed step-by-step guidance demonstrates precisely how to perform a full range of software skills. - Build an understanding of theory: concepts are carefully explained and consolidated with a range of different activities. - Tackle spreadsheets and website authoring with confidence: challenging ideas are fully exemplified, with plenty of opportunity to practice using embedded Tasks. - Navigate the syllabus confidently: learning content is clearly mapped to the syllabus, with introductions to each topic outlining the learning objectives. - Consolidate skills and check understanding: activities and exam-style questions are embedded throughout the book, alongside key definitions of technical terms and a Glossary.

This series is fully endorsed by Cambridge International to support the full syllabus for examination from 2023. Develop algorithmic and computational thinking and programming skills with further practise questions and activities. This Workbook provides additional support with practical exam-style questions for Cambridge IGCSE(TM) and O Level Computer Science. - Become accomplished computer scientists: the workbook provides a series of questions designed to test and develop computational thinking skills in order to solve problems. Answers to the Algorithms, Programming and Logic Workbook are available in our Teacher's Guide with Boost Subscription 9781398318502

We are working with Cambridge Assessment International Education to gain en-

dorsement for this forthcoming title. Develop understanding of computer systems, the internet and emerging technologies with further practise questions and activities. This Workbook provides additional support for the computer systems question papers for Cambridge IGCSE(TM) and O Level Computer Science. - Become accomplished computer scientists: the workbook provides a series of questions designed to test and develop knowledge of how computer systems and associated technologies work.

"Cambridge International AS and A Level Computer Science Coursebook delivers an accessible guide to theoretical and practical skills in Computer Science, with a clear progression of tasks that help to consolidate and develop knowledge. Cambridge International AS and A Level Computer Science Coursebook offers students detailed descriptions of the concepts, reinforced with examples that outline complex subject matter in a clear way. Alongside fundamental definitions, higher level programming skills are developed through the explanation of processes and consolidated by practical exam-type questions for students to attempt."-- Publisher description.

Cambridge IGCSE Computer Science Revision Guide follows the Cambridge IGCSE (0478) and Cambridge O Level (2210) Computer Science syllabuses, matching the syllabus for examination from 2015. The book instils confidence and thorough understanding of the topics learned by the students as they revise for examinations, and is written in a clear and straightforward tone to assist learning concepts and theories. This revision guide is endorsed by Cambridge International Examinations.

Learn to program fast in 155 challenges, 54 examples and 85 pages This book is a

'gamified' approach to Python, aimed at supporting GCSE and KS3 students, with complete coverage of the GCSE programming requirements. There's no substitute for practice when it comes to learning a new skill! Python syntax is simple to learn, but becoming an expert in writing programs to solve different kinds of problems takes a bit longer. That's why this book has a short explanation of each new statement or technique, followed by one or more examples and then loads of practice challenges. Some of the challenges will take you only a minute or two, using the Python Interactive window to try out new statements and get immediate results. As you get further into the book, you will be challenged to write programs to perform different kinds of tasks - for example to find the results of a calculation, write a program for a simplified cash machine, sort a list of items into alphabetical order, or to record data in a text file to be read, formatted, and printed. The programming solutions to some challenges have been helpfully simplified for an inexperienced programmer to modify rather than to write from scratch. This builds your confidence in problem-solving. That's why 35 challenges consist of partially written programs for you to complete.

The new Third Edition matches the requirements of the revised Cambridge IGCSE Chemistry syllabus (0620).

This book is aimed at GCSE students. It provides comprehensive yet concise coverage of all the topics covered in the new AQA 8525 Computer Science specification, written and presented in a way that is accessible to teenagers. It will be

invaluable both as a course text and as a revision guide for students nearing the end of their course. It is divided into nine sections covering every element of the specification. Sections 1, 2A and 2B of the textbook cover algorithms and programming concepts with a theoretical approach to provide students with experience of writing, tracing and debugging pseudocode solutions without the aid of a computer. These sections would complement practical programming experience.

Providing guidance that helps students practice and troubleshoot their exam technique, these books send them into their exam with the confidence to aim for the best grades. - Enables students to avoid common misconceptions and mistakes by highlighting them throughout - Builds students' skills constructing and writing answers as they progress through a range of practice questions - Allows students to mark their own responses and easily identify areas for improvement using the answers in the back of the book - Helps students target their revision and focus on important concepts and skills with key objectives at the beginning of every chapter - Ensures that students maximise their time in the exam by including examiner's tips and suggestions on how to approach the questions This title has not been through the Cambridge International Examinations endorsement process.

This resource is written to follow the updated Cambridge IGCSE® Computer Science syllabus 0478 with examination from June and November 2016.