AQA

AQA_2024: A-level Computer Science - Paper 1
(June 2024 - Merged Question Paper and Marking Scheme)

A-level
COMPUTER SCIENCE

Paper 1

June 2024

Preliminary Material

To be opened and issued to candidates on or after 1 September 2023, subject to the instructions given in the Teacher's Notes (7517/1/TN).

Note

- The Preliminary Material and Skeleton Program are to be seen by candidates and their teachers **only**, for use during preparation for the examination on **10 June 2024**. They **cannot** be used by anyone else for any other purpose, other than that stated in the instructions issued, until after the examination date has passed. They must **not** be provided to third parties.

Information

- A Skeleton Program is provided separately by your teacher and must be read in conjunction with this Preliminary Material.
- You are advised to familiarise yourselves with the Preliminary Material and Skeleton Program before the examination.
- A copy of this Preliminary Material, the Skeleton Program and the Data files **puzzle1.txt**, **puzzle2.txt**, **puzzle3.txt** and **puzzle4.txt** will be made available to you in hard copy and electronically at the start of the examination.
- You must **not** take any copy of the Preliminary Material, Skeleton Program or any other material into the examination room.

A Level Computer Science Specimen Skeleton Program Paper

Xiaolong Qi

A Level Computer Science Specimen Skeleton Program Paper:

Teaching and Learning in Information Retrieval Efthimis Efthimiadis,Juan M. Fernández-Luna,Juan F. Huete,Andrew MacFarlane,2011-10-06 Information Retrieval has become a very active research field in the 21st century Many from academia and industry present their innovations in the field in a wide variety of conferences and journals Companies transfer this new knowledge directly to the general public via services such as web search engines in order to improve their information seeking experience In parallel teaching IR is turning into an important aspect of IR generally not only because it is necessary to impart effective search techniques to make the most of the IR tools available but also because we must provide a good foundation for those students who will become the driving force of future IR technologies There are very few resources for teaching and learning in IR the major problem which this book is designed to solve The objective is to provide ideas and practical experience of teaching and learning IR for those whose job requires them to teach in one form or another and where delivering IR courses is a major part of their working lives In this context of providing a higher profile for teaching and learning as applied to IR the co editor of this book Efthimis Efthimiathis had maintained a leading role in teaching and learning within the domain of IR for a number of years This book represents a posthumous example of his efforts in the area as he passed away in April 2011 This book his book is dedicated to his memory *Building Science Series* United States. National Bureau of Standards,1970 1998 International Conference Software Engineering: Education & Practice Martin Purvis,Stephen Cranefield,Steve MacDonell,1998 **Documentation Abstracts** ,1996 **IJCAI-77** ,1977 **Space Research** ,2001 *Directory of Distance Learning Opportunities* Modoc Press, Inc.,2003-02-28 This book provides an overview of current K 12 courses and programs offered in the United States as correspondence study or via such electronic delivery systems as satellite cable or the Internet The Directory includes over 6 000 courses offered by 154 institutions or distance learning consortium members Following an introduction that describes existing practices and delivery methods the Directory offers three indexes Subject Index of Courses Offered by Level Course Level Index Geographic Index All information was supplied by the institutions Entries include current contact information a description of the institution and the courses offered grade level and admission information tuition and fee information enrollment periods delivery information equipment requirements credit and grading information library services and accreditation *Whitaker's Books in Print* ,1998 *Machine Learning: ECML-98* Claire Nedellec,Celine Rouveirol,1998-04-08 This book constitutes the refereed proceedings of the 10th European Conference on Machine Learning ECML 98 held in Chemnitz Germany in April 1998 The book presents 21 revised full papers and 25 short papers reporting on work in progress together with two invited contributions the papers were selected from a total of 100 submissions The book is divided in sections on applications of ML Bayesian networks feature selection decision trees support vector learning multiple models for classification inductive logic programming relational learning instance based learning clustering genetic algorithms reinforcement learning and neural

networks Machine Learning, ECML- ... ,1998 Proceedings ,2005 *Energy Research Abstracts* ,1979-05

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