Lecture topics on the first IST195 midterm exam

- Electronic Health Records
  - In 2004, President Bush signed an Executive Order titled the President's Health Information Technology Plan, which established a ten-year plan to develop and implement electronic health record (EHR) systems across the US to improve the efficiency and safety of care.
- Digitization, Digitalization, Digital Transformation
  1. Digitization — moving from analog to digital
  2. Digitalization — incorporating digital into business processes
  3. Digital transformation — reimagining how we think about and engage with users
- Howard Aiken/Mark 1
  - 1944: Harvard Mark 1
  - Concept from Harvard Professor Howard Aiken; Built by IBM
  - 51 Feet Long
  - 8 Feet Tall
  - 5 Tons
  - 500 Miles of Wire
- 305 RAMAC
  - 1956 — IBM Supercomputer
  - First commercial computer with a hard drive
  - 5 MB of storage
  - Weight – > 1 Ton
  - Cost: $160,000
- Moore's law
  - Moore's Law states that the number of transistors on a microchip doubles every two years.
- Artificial Intelligence
  - is the simulation of human intelligence in machines. Creating computer systems that can perform tasks that typically require human intelligence.
- Generative AI / ChatGPT
  - ChatGPT is a chatbot developed by OpenAI and launched in November 2022
- Types of Computers
  - PC
  - Server
  - Mainframes

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Modern Languages Study Guides: Das Leben der Anderen Geoff Brammall,2017-04-18 Exam Board AQA Edexcel Eduqas Level AS A level Subject Modern Languages First Teaching September 2016 First Exam June 2017 Film analysis made easy Build your students confidence in their language abilities and help them develop the skills needed to critique their chosen work putting it into context understanding the themes and director s technique as well as specialist terminology Breaking down each scene character and theme in Das Leben der Anderen The Lives of Others this accessible guide will enable your students to understand the historical and social context of the film and give them the critical and language skills needed to write a successful essay Strengthen language skills with relevant grammar vocab and writing exercises throughout Aim for top marks by building a bank of textual examples and quotes to enhance exam response Build confidence with knowledge check questions at the end of every chapter Revise effectively with pages of essential vocabulary and key mind maps throughout Feel prepared for exams with advice on how to write an essay plus sample essay questions two levels of model answers and examiner commentary *Modern Languages Study Guides: Der Vorleser* Paul Elliott,2017-06-12 Exam Board AQA Edexcel Eduqas Level AS A level Subject Modern Languages First Teaching September 2016 First Exam June 2017 Literature analysis made easy Build your students confidence in their language abilities and help them develop the skills needed to critique their chosen work putting it into context understanding the themes and narrative technique as well as specialist terminology Breaking down each scene character and theme in Der Vorleser The Reader this accessible guide will enable your students to understand the historical and social context of the novel and give them the critical and language skills needed to write a successful essay Strengthen language skills with relevant grammar vocab and writing exercises throughout Aim for top marks by building a bank of textual examples and quotes to enhance exam response Build confidence with knowledge check questions at the end of every chapter Revise effectively with pages of essential vocabulary and key mind maps throughout Feel prepared for exams with advice on how to write an essay plus sample essay questions two levels

of model answers and examiner commentary   **Modern Languages Study Guides: Der Besuch der alten Dame** Paul Elliott,2017-10-30 Exam Board AQA Edexcel Eduqas CCEA Level AS A level Subject Modern Languages First Teaching September 2016 First Exam June 2017 Literature analysis made easy Build your students confidence in their language abilities and help them develop the skills needed to critique their chosen work putting it into context understanding the themes and narrative technique as well as specialist terminology Breaking down each scene character and theme in Der Besuch der alten Dame The Visit this accessible guide will enable your students to understand the historical and social context of the play and give them the critical and language skills needed to write a successful essay Strengthen language skills with relevant grammar vocab and writing exercises throughout Aim for top marks by building a bank of textual examples and quotes to enhance exam response Build confidence with knowledge check questions at the end of every chapter Revise effectively with pages of essential vocabulary and key mind maps throughout Feel prepared for exams with advice on how to write an essay plus sample essay questions two levels of model answers and examiner commentary   **Der ultimative Studyguide** Julia Simon,2023-11-13 Tipps und Wissenswertes f r einen guten Studienstart Es gibt vermutlich wenige Phasen im Leben die so spannend sind wie der Studienbeginn Neue Wohnung Stadt Menschen Neues Leben Der Studyguide deckt alle Bereiche ab die f r angehende Studierende essentiell sind vom Uni ABC bis zum Selbst und Zeitmanagement vom Geldverdienen und Wohnen bis zum Partymachen Der Studyguide ist die L sung f r all diese Herausforderungen Die Inhalte der 14 Kapitel sind so aufbereitet dass auch eine aktive Bearbeitung m glich ist z B Vorlagen zum Herunterladen und Features zur Selbstreflexion utb Zus tzlich zum Buch erhalten Leser innen interaktives Material zur Reflektion und als Hilfestellung Erh ltlich ber utb de   **Modern Languages Study Guides: Good Bye, Lenin!** Geoff Brammall,2017-07-03 Exam Board AQA Edexcel Eduqas CCEA Level AS A level Subject Modern Languages First Teaching September 2016 First Exam June 2017 Film analysis made easy Build your students confidence in their language abilities and help them develop the skills needed to critique their chosen work putting it into context understanding the themes and director s technique as well as specialist terminology Breaking down each scene character and theme in Good bye Lenin this accessible guide will enable your students to understand the historical and social context of the film and give them the critical and language skills needed to write a successful essay Strengthen language skills with relevant grammar vocab and writing exercises throughout Aim for top marks by building a bank of textual examples and quotes to enhance exam response Build confidence with knowledge check questions at the end of every chapter Revise effectively with pages of essential vocabulary and key mind maps throughout Feel prepared for exams with advice on how to write an essay plus sample essay questions two levels of model answers and examiner commentary   Edexcel AS and A Level Music Study Guide Alistair Wightman,Hugh Benham,2017-10-06 Edexcel AS and A Level Music Study Guide is a definitive study guide for the AS and A Level syllabuses written for exams 2017 2018 onwards This comprehensive guide supports all components of the AS and A

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