

## Economics

### Classical Economics

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### Welfare Economics

Utilitarian welfare and Rawlsian welfare

- [y2020p7q3\(b\)](#)
- [y2007p3q1\(a\)](#)
  - first and second theorems (assumptions)

### Information goods and services

Competition and information

- [y2023p7q4 \(b\)](#)
  - switching platform
- [y2016p4q7 \(a,b\)](#)
  - comparison
- [y2022p7q2](#)
  - fixed and marginal costs (capacity constraints)
  - lock-in, cost of switching; network effects
  - discussion on price discrimination
- [y2009p3q5](#)
  - essay on credit crunch

### Market Failure

The business cycle, recession and technology, trade, public and club goods

- [y2012p4q7 \(a,b\)](#)
  - Asymmetric Information
    - before the deal, adverse selection (hidden information)
    - after the deal, moral hazard (hidden action)
- [y2008p6q1](#)
  - Monopolism, collusion and price fixing
- [y2007p3q1\(b\)](#)
  - 3 ways and c.f. information goods and services

### Behaviour Economics

Cultural biases, nudge theory, agency effects

- [y2022p7q3 \(a\)](#)
  - bounded rationality, hyperbolic discounting

## Auction Theory

Strategic/Revenue Equivalence, limitations

- [y2019p7q2](#)
  - Dutch ↓ / 1st-price sealed-bid, English ↑ / 2nd-price sealed-bid, All-pay
  - advertisement (2-nd -> revenue, click-through %)
  - (auction limitation) bidding rings, game theory
- [y2011p4q7](#)

## Game Theory

cooperation or conflict/defect, strategies, broader implications

- [y2019p7q2 \(d\)](#)
  - (auction limitation) bidding rings
  - prisoner's dilemma, with dominant strategy equilibrium (payoff-dominant)
    - stag hunt, with nash equilibrium (risk-dominant), mutual trust
  - tit-for-tat strategy in iterative/repeated games
    - Chicken -> Hawk-dove
- [y2010p4q8 \(a\)](#)
  - strategic form / payoff matrix, equilibrium
- [y2010p4q8 \(b\)](#), [y2023p7q4 \(a\)](#)
  - Hawk-dove, aggressive behaviour
- [y2004p4q2](#)

## Law

Criminal Law

- Computer Evidence, Electronics Communication Act 2000 (e-signatures)
- Computer Misuse Act 1990, Investigatory Power Act 2016

Civil Law [Contract/Arbitration, Tort (negligence, defamation, IPRs)]

- Consumer Right Act, GDPR, Privacy & Electronic Communications Regulations, E-Commerce regulation.

Past paper

- [y2006p4q1](#)
  - Contract
- [y2019p7q3](#), [y2013p4q7](#)

- Computer Misuse Act
- [y2022p7q3 \(b\)](#)
  - Investigatory Powers Act 2016
  - Ethical philosophies discussion

## **Ethics / Philosophy**

Philosophy: Metaphysics, Epistemology, Political, Logic, Aesthetics, Ethics.

Ethical Philosophies: Authority, Intuitionist, Egoist, Consequentialism, Rawlsian / Deontology.

- [y2015p4q7](#)
- [y2023p7q3](#)
  - consequentialism, issues

## **Mixed**

Economic, legal and ethical considerations

- [y2017p4q7](#)
- [y2020p7q2](#), [y2021p7q2](#), [y2021p7q3](#)
  - Recession, GDPR
- [y2020p7q3\(c\)](#)
  - Pareto, Privacy