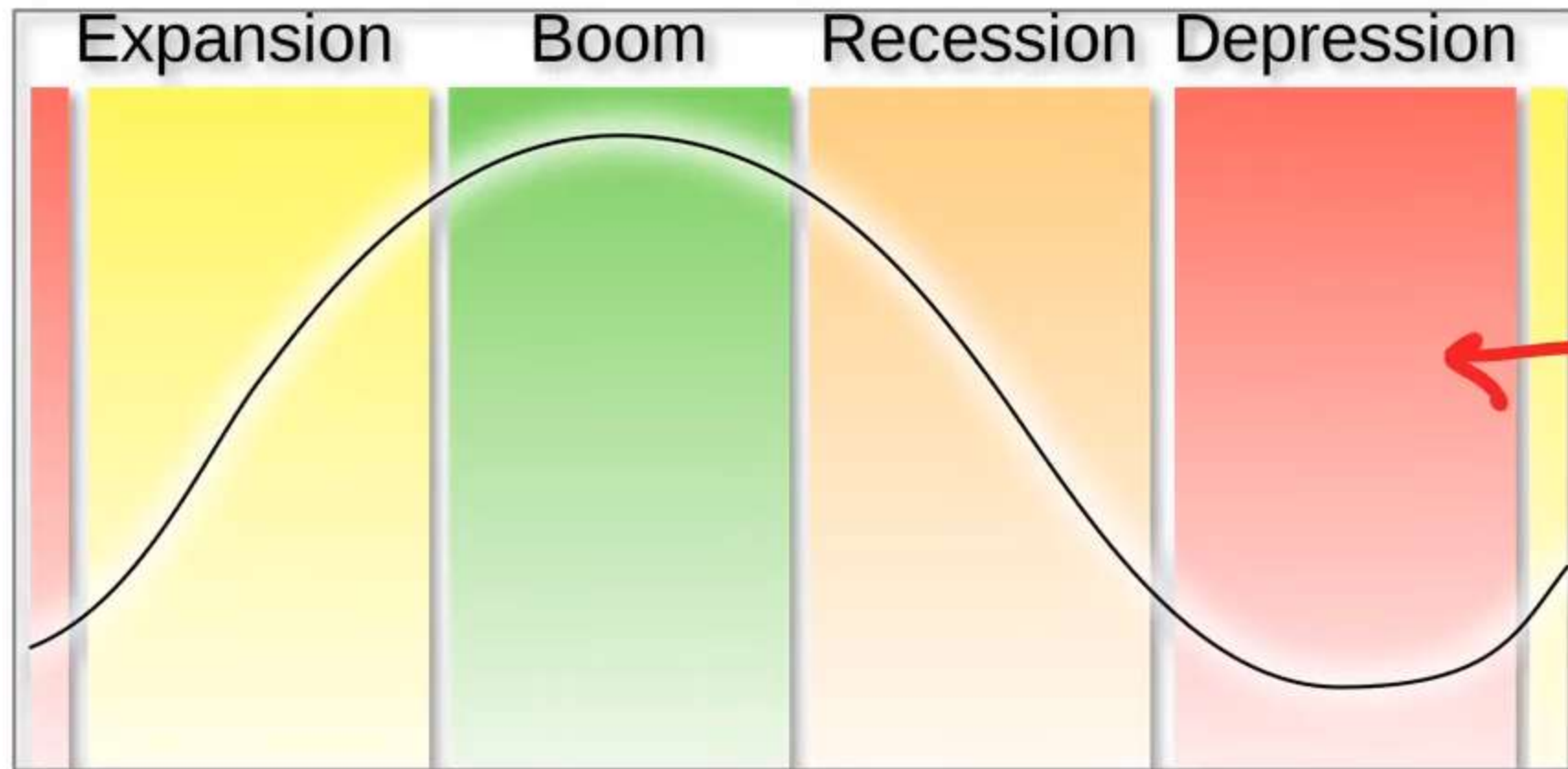


Innovation Waves

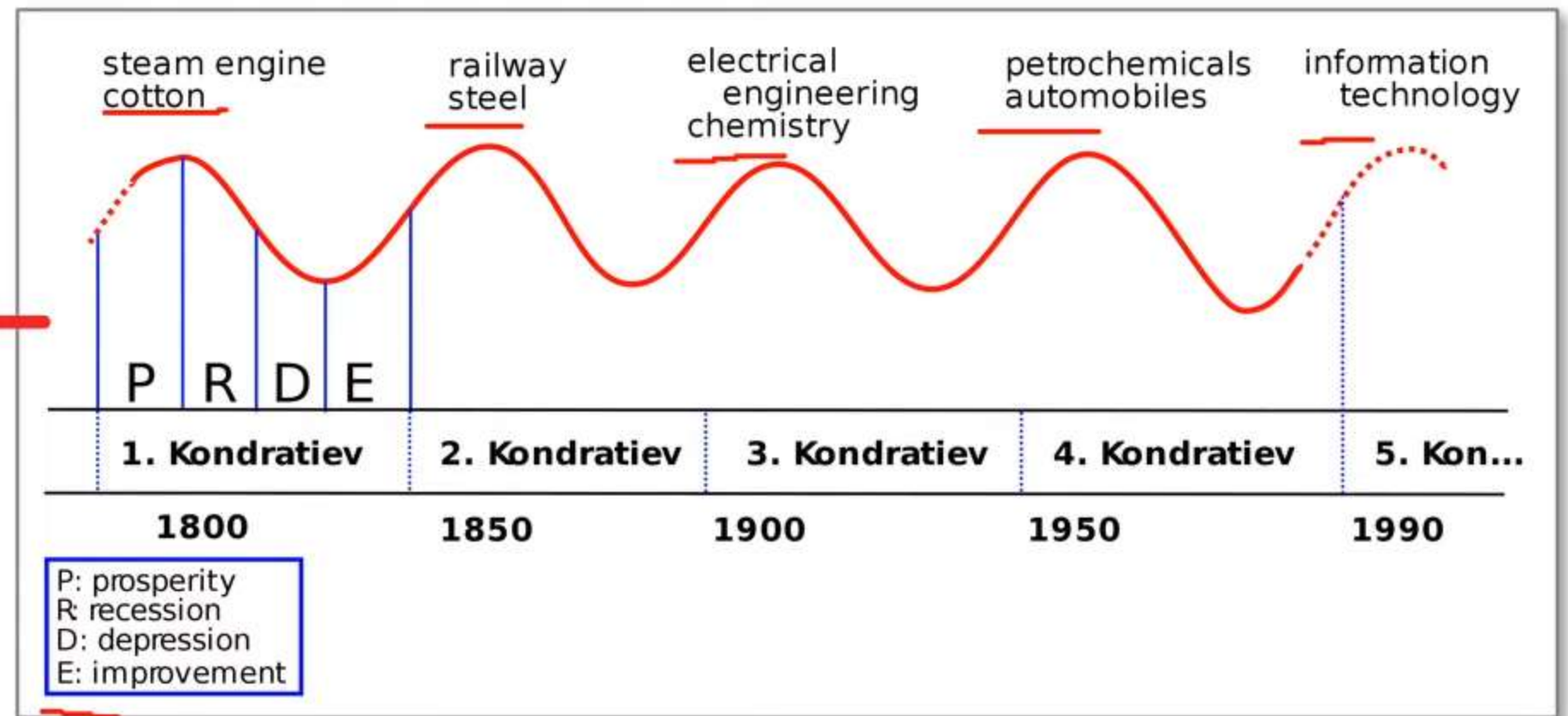
Cheat sheets, Practice Exams and Flash cards 🖱️ www.examprompro.co/clf-c01

Kondratiev waves (aka Innovation Waves or K-Waves) are hypothesized cycle-like phenomena in the global world economy.

The phenomenon is closely connected with Technology life cycles.



A common pattern of a wave
change of **supply** and **demand**



Each wave irreversibly changes the
society on a global scale.

The latest wave is **Cloud Technology**

Burning Platform

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Burning platform is a term used **when a company abandons old technology for new technology** with the uncertainty of success and can be motivated by fear that the organization future survival hinges on its **digital transformation**



Evolution of Computing Power

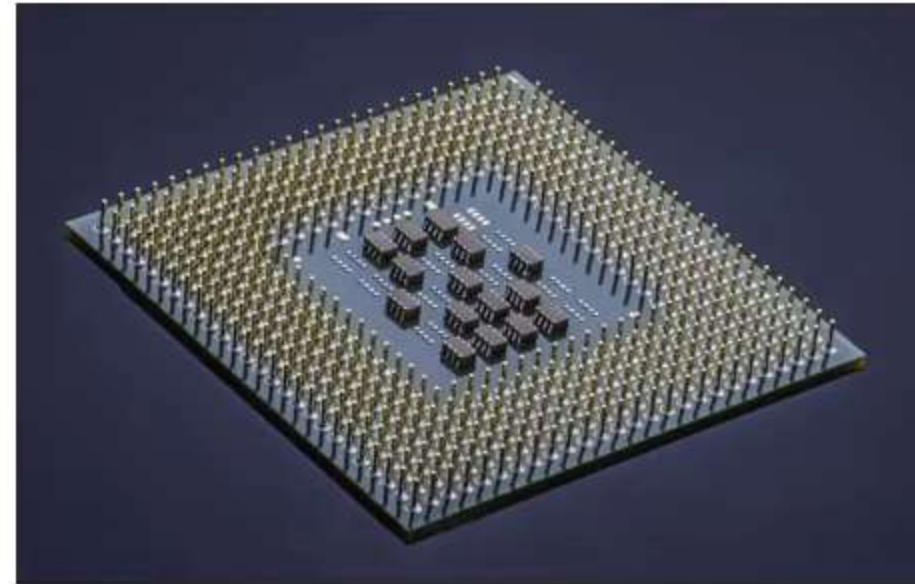
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What is Computing Power?

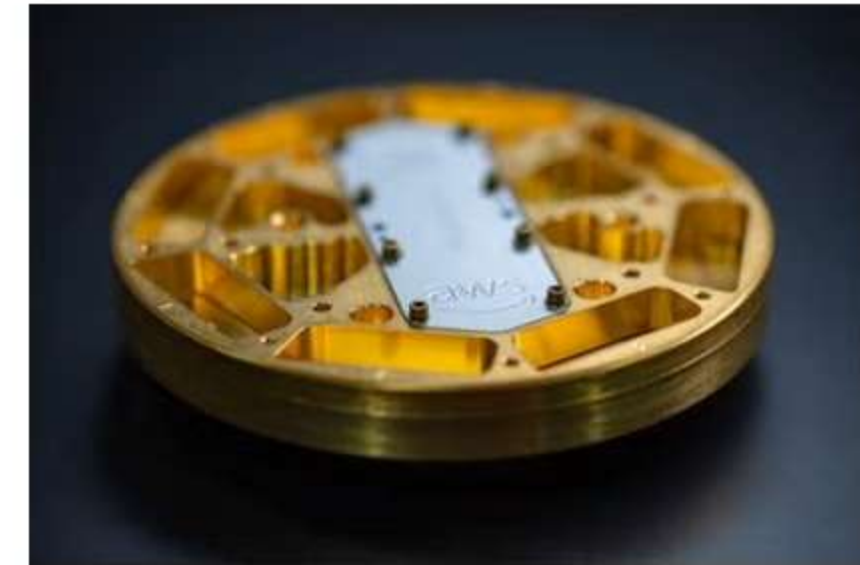
The throughput measured at which a computer can complete a computational task.



General Computing
Xeon CPU Processor



GPU Computing
*50x faster than traditional CPUs



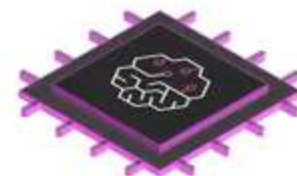
Quantum Computing

- D-Wave 2000Q
- **Rigetti 16Q Aspen-4**
- IonQ linear ion trap
- 100 Million times faster

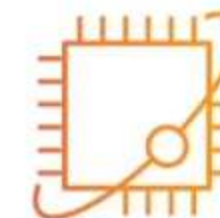
--- AWS Service Offering ---



Elastic Compute Cloud EC2



AWS Inferentia (Inf1)



AWS Braket
Via CalTech

