THE UNIVERSITY
OF QUEENSLAND

# Tutorial 6: Databases in Cloud Computing

## Question Set

**Q1.** What are the differences between SQL and NoSQL?

**Q2.** What are ACID properties?

**Q3.** What are CAP theorem and BASE properties?

**Q4.** Which two CAP characteristics does the following NoSQL database support?

- Cassandra
- HBase
- MongoDB

**Q5.** Based on the CAP theorem, select the most suitable focus for your applications.