1. What security issues might need to be addressed in accessing a database from an API?

Secure credentials and connection to the API. Limit IP addresses if the API is going to be accessed from one place or server.

1. What sort of testing can be done to ensure that systems hosted on the internet are secure?

Port scanning, firewall setup, secure login, encryption.

1. Aside from unit testing, what other forms of software testing are there?

Integration testing.

End-to-end tests.

Performance testing.

1. List some concerns around data security that any organisation holding data needs to be aware of.

Any organisation holding data should have the data encrypted, that is not negotiable.

Only people who need the data should have access to it.