



It supports multiple programming languages, including Arduino, new Arduino library, push functions from Arduino cloud, JavaScript, HTML or the Nimbits.io Java library.  
 Nimbits server functions as a backend platform. Nimbits data point can relay data between the software systems, or hardware devices such as Arduino, using the cloud as a backend.

4 Explain 6LoWPAN with neat diagram. 10 CO2 L2

5 Explain security requirements and threat analysis in detail. 10 CO2 L3

Message privacy means that the message should not reach into the hands of the unrelated entities. When data or messages communicate from the things (device platforms), those are meant only for the applications or services and for targeted goals only. Privacy also means no interference or disturbance from other. Consider an example of messages from embedded devices in an automobile using the Internet to an automobile service centre.

6 Explain five levels for software development for applications and services for IoT or M2M. 10 CO2 L3

7 Explain layered attacker model with possible attacks and suggest the steps for mitigating attacks. 10 CO2 L3