

## Question 4:

**A)** Give a quick definition for the following terms found in the context of **IEEE 802.11i Operation Phases**:

- *Pairwise keys*

- *Group keys*

- *Temporal Key Integrity Protocol (TKIP)*

- *Counter Mode-CBC MAC Protocol (CCMP)*

**B)** During the operation of an **IEEE 802.11i Robust Security Network**, can the communication between a connected mobile station and a wired end-station become insecure? Why?

**C)** What is an **Association Request frame**?

Does this normally include the confidentiality protocol that a Station has decided to use? Why?