

1. 請將下列的 E-R schema (Shown in Fig.1) 轉換到關連式資料庫的 model. (25%)

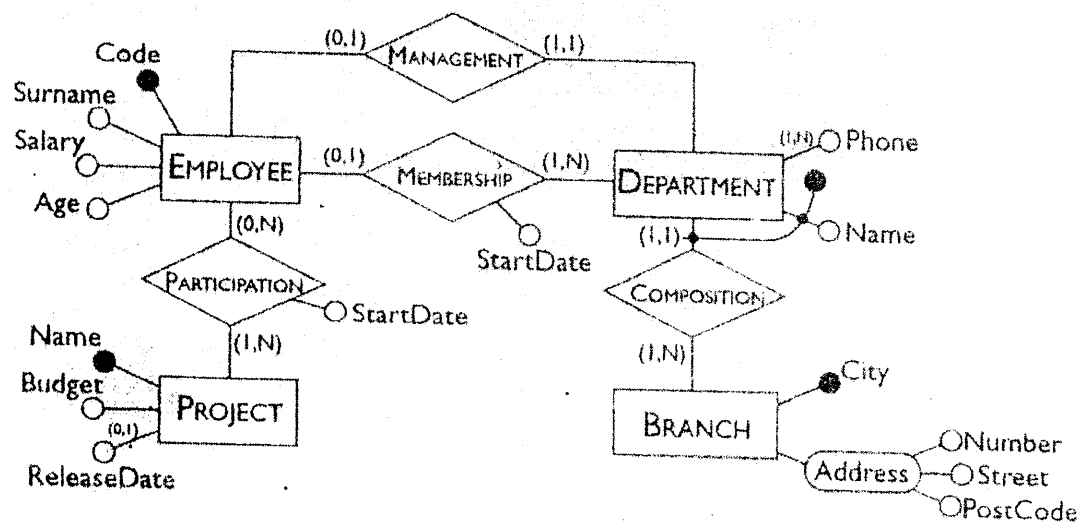


Fig.1 : An E-R schema on the personnel of a company

2. 何謂 Binary Search Tree ? 其有何缺點 ? (20%)

3. 解釋名詞 (40%)

- (a) Call-by-Value
- (b) Call-by-Address
- (c) GPRS
- (d) Public Key, Private Key

4. 何謂一個好的雜湊函數?(15%)