

# 國立東華大學招生考試試題

共一頁第一頁

招生學年度	九十八	招生類別	碩士班
系所班別	網路與多媒體科技研究所、資訊工程學系		
科目	科技英文		
注意事項			

*Translate the following paragraphs into Chinese.*

1. A floating city off the coast may sound like science fiction, but it could be reality in the not-too-distant future. A research institute has drawn up plans for a floating city off the coast. The institute already has drawn up plans for the construction of a homestead on the Pacific Ocean. One project engineer described the prototype as similar to a cruise ship, but from a distance the cities might look like oil-drilling platforms. According to the plans, the floating cities would not only look different from their land-based counterparts, but they might operate differently, too. (20%)
2. Social networks are everywhere. They've been around since long before your grandmother's knitting circle, and chances are they'll still be around in some form or another for our descendants -- whether they're colonizing far-off star systems or digging among the future ruins of our current civilization. The Internet itself began as a sort of social network; as its reach extended, so did its uses. From ARPAnet to bulletin boards to Usenet to the World Wide Web to the current slew of Friendster-alikes, all a social network is, really, is people communicating with people. (20%)
3. WPAN and WLAN are complementary rather than competing technologies. Moreover, with both of them expecting rapid growth, collocation of Bluetooth and Wi-Fi devices will become increasingly likely, especially in computing devices. While there are certainly many devices where different radio technologies can be built into the same platform (e.g., Bluetooth in a cellular phone), collocation of Wi-Fi and Bluetooth is of special significance because both occupy the 2.4 GHz frequency band. (20%)

*Translate the following paragraphs into English.*

4. 不管如何，大部分的 netbook 都是台灣品牌或台灣製造。(10%)
5. 網搜龍頭 Google 的廣告業務面臨著與日俱增的壓力。(10%)

*Explain the following terms.*

6. DRAM (5%)
7. 3G (5%)
8. LCD (5%)
9. DIY (5%)