

NANYANG TECHNOLOGICAL UNIVERSITY

SEMESTER 2 EXAMINATION 2005-2006

CPE183/CSC183/SC131 – Engineers & Society

April/May 2006

Time Allowed: 2½ hours

INSTRUCTIONS

1. This paper contains **FOUR (4)** questions and comprises **TWO (2)** pages.
 2. Answer **ALL** questions.
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1. *Back then, people who said, ‘What will we use all that computing power for?’ were surprised how useful it was and the ways it turned out to be useful. (Grant, S., 2005. The broadband explosion: Thinking about a truly interactive world. Harvard Business School Working Knowledge. Sep 12.)*

Discuss how computers have proven useful to Singapore’s business workforce.

(25 marks)

2. The iN2015 Masterplan is Singapore’s latest strategy to cement its position as an IT Hub. What has Singapore got to offer which makes it likely that this plan will succeed? Discuss.

(25 marks)

3. Older workers need to stay on in the workforce for longer if Singapore’s economy is to continue to grow by 4 to 6%. State and assess the main measures being proposed to prolong the employability of older workers in Singapore.

(25 marks)

4. Discuss the impact upon consumers, business with the ICT industry as an example, of Free Trade Agreements, as a major prong of Singapore's foreign policy, and a new niche area to maintain and enhance competitiveness.

(25 marks)

End of Paper