

UNIVERSITI SAINS MALAYSIA

Semester Kedua
Sidang Akademik 2004/2005

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HTV 201 – Thinking Techniques

Duration: 2 hours

Please check that this paper consists of THREE pages of printed material before you begin the examination.

Instructions:

1. This paper comprises THREE sections. Answer ONE question from each section.
2. Each answer should not exceed three pages.
3. State clearly the thinking techniques which you use in your answers.

Section A

1. Without foreign workers, the housing industry in this country would cripple. Using suitable thinking techniques, discuss the validity of this statement.
[40 marks]
2. Sexual crimes involving under-aged children as victims and immigrants as perpetrators are rising.
 - [a] What is your perception regarding the statement above?
 - [b] Using suitable thinking techniques, suggest effective ways to tackle the problem.[40 marks]

Section B

3. Natural disasters such as floods, snow storms and forest fire which have been occurring since the past two years can be said to be the side effects of the Americans' invasion of Iraq. Using scientific thinking method, offer evidence to support this hypothesis.
[40 marks]
4. The increase of highway toll seems to be inevitable every three years following the agreement with PLUS. Generally, highway users are not satisfied with the toll increase and the services provided by PLUS.
 - [a] Using white and red thinking hats, discuss this issue.
 - [b] Using concept triangle, give three creative suggestions which would enable PLUS to please the highway users despite the continuous toll increase.
 - [c] Evaluate the suggestions above using one suitable thinking tool.[40 marks]

Section C

5. [a] List ten techniques to develop a clear mind map.
[b] Draw a mind map for the problem below using those techniques.

Is the anti-smoking campaign effective?

[20 marks]

6. List and illustrate differences between vertical thinking and lateral thinking.

[20 marks]