

UNIVERSITI SAINS MALAYSIA

Peperiksaan Semester Kedua
Sidang Akademik 2003/2004

February/March 2004

HTV 201 – Teknik Berfikir

Duration : 2 hours

Please ensure that this examination paper contains **THREE** printed pages before you begin the examination.

Instructions:

1. Write the name of your tutor and your school on the top right hand side of your answer booklet.
2. Answer **THREE** questions: ONE from Section A, ONE from Section B and ONE from Section C.
3. All answers must not exceed 3 pages.

Section A

1. Smoking addiction among the Malaysian youth is on the rise even though it is common knowledge that smoking can cause cancer of the lungs.
 - [a] Use 'random entry technique' to generate creative ideas that can be used to solve this problem.

[15 marks]
 - [b] Discuss these ideas using two most appropriate thinking styles.

[25 marks]

2. The public have always complained about the poor service provided by the Immigration and Custom service counters. With the help of suitable thinking techniques, discuss the factors that contribute to this problem and suggest some effective ways that can be used to eliminate the problem.

[40 marks]

Section B

3. Could high intake of sugar cause diabetes in human? As a young scientist, you are asked to address this query using the scientific thinking technique.

[40 marks]

4. One of the important agendas outlined by Prime Minister Datuk Seri Abdullah Ahmad Badawi when he first took over the country's administration is to eliminate corruption. Discuss and suggest several effective ways to solve the problem of corruption by using the Six Thinking Hats.

[40 marks]

5. Nursing is one of the programmes offered by the School of Health Sciences in USM. After four intakes of students, only a small number of male students have enrolled for the programme. However, it is common knowledge that male nurses are very much needed in this area.

Using appropriate thinking tools, draw up a suggestion that can increase the number of male student enrolment in the nursing programme.

[40 marks]

Section C

6. Discuss the stages involved in the application of the 'analysis and design thinking' technique.

[20 marks]

7. Choose two thinking styles from those listed below. List down and explain briefly the characteristics of each of the thinking styles that you have chosen.

[a] Constructive thinking

[b] Initiative thinking

[c] Value thinking

[d] Vertical thinking

[20 marks]