Version A

This is NOT a test. Points are only given for participation in the exercise, NOT for correct answers.

Just answer to the best of your understanding.

Student ID : _____

Student Name : _____

Problem 1 : The following ten corporations were ranked by Fortune magazine to be the largest 500 United States based firms according to sales revenues for 2003 :

- Group A: Reebok International, Hilton Hotels, Starbucks, Radioshack, Hershey Foods
- Group B : CoconoPhillips, American International Group, McKesson, AmerisourceBergen, The Altria Group

Which group of organizations (A or B) had the larger total sales revenues in 2003? Why?

Answer :

Problem 2 : The best student in my MBA class used to write poetry and is rather shy and small in size. Do your best to guess - **What was the student's undergraduate major? Why?**

- A : Chinese studies
- B : Economics

Answer :

Problem 3 : Please try to **rank & estimate** the following causes of death in the United States between years 1990-2000 (rank from 1 to 5 ; total population : 300 million)

	Rank	**Estimate the number of deaths 1990 to 2000**
Tobacco		
Poor diet and physical inactivity		
Motor vehicle accidents		
Firearms (guns)		
Illicit drug use		

Problem 4a : In four pages of a novel (about 2,000 words), how many words would you expect to find that have the form ____ ing (seven-letter words that end with "ing")? **Indicate your best estimate** by choosing one of the following values:

0 1-2 3-4 5-7 8-10 11-15 16+

Problem 5a : Imagine that the United States is preparing for the outbreak of an unusual Asian disease that is expected to kill 600,000 people. Two alternative programs to combat the disease have been proposed. Assume that the exact scientific estimates of the consequences of the programs are as follows.

- Program A: If Program A is adopted, 200,000 people will be saved.
- Program B: If Program B is adopted, there is a one-third probability that 600,000 people will be saved and a two-thirds probability that no people will be saved.

Which of the two programs would you favor?

Version B

This is NOT a test. Points are only given for participation in the exercise, NOT for correct answers.

Just answer to the best of your understanding.

Student ID : _____

Student Name : _____

Problem 1 : The following ten corporations were ranked by Fortune magazine to be the largest 500 United States based firms according to sales revenues for 2003 :

- Group A: Reebok International, Hilton Hotels, Starbucks, Radioshack, Hershey Foods
- Group B : CoconoPhillips, American International Group, McKesson, AmerisourceBergen, The Altria Group

Which group of organizations (A or B) had the larger total sales revenues in 2003? Why?

Answer :

Problem 2 : The best student in my MBA class used to write poetry and is rather shy and small in size. Do your best to guess - **What was the student's undergraduate major? Why?**

- A : Chinese studies
- B : Economics

Answer :

Problem 3 : Please try to **rank & estimate** the following causes of death in the United States between years 1990-2000 (rank from 1 to 5 ; total population : 300 million)

	Rank	**Estimate the number of deaths 1990 to 2000**
Tobacco		
Poor diet and physical inactivity		
Motor vehicle accidents		
Firearms (guns)		
Illicit drug use		

Problem 4b : In four pages of a novel (about 2,000 words), how many words would you expect to find that have the form _____ n _ (seven-letter words that have the letter "n" in the sixth position)?
Indicate your best estimate by choosing one of the following values:

0 1-2 3-4 5-7 8-10 11-15 16+

Problem 5b : Imagine that the United States is preparing tor the outbreak of an unusual Asian disease that is expected to kill 600,000 people. Two alternatives programs to combat the disease have been proposed. Assume that the scientific estimates or the consequences of the programs are as follows.

- Program C· If Program C is adopted, 400,000 people will die.
- Program D: If Program D is adopted, there is a one-third probability that no one will die and a two-thirds probability that 600,000 people will die.

Which of the two programs would you favor?