



# **UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

## **FINAL EXAMINATION SEMESTER II SESSION 2008/09**

**SUBJECT** : **TECHNICAL WRITING**

**SUBJECT CODE** : **UMB 1042**

**COURSES** : **BBV/ BDD/ BDI/ BEE/ BEI/ BFI/  
BFF/ BIT/ BPA/ BPB/ BPC/ BPD**

**EXAMINATION DATE** : **APRIL 2009**

**DURATION** : **2 HOURS**

**INSTRUCTION** : **ANSWER ALL QUESTIONS IN  
THE BOOKLET PROVIDED**

**THIS QUESTION PAPER CONSISTS OF 4 PRINTED PAGES**

- Q1 Read the newspaper article below and transfer all necessary information regarding the accident into the Accident Report Form provided. (15 marks)

Monday July 11, 2005

### **Flyover collapse: Nine Bangladeshis hurt**

**SHAH ALAM:** Nine Bangladeshi construction workers were injured when eight girders of a flyover of the NKVE-Jalan Meru Link near Bukit Raja collapsed.

The girders, forming a 10m stretch, collapsed at 1.40pm onto the NKVE (New Klang Valley Expressway) below, bringing down 17 workers who were working on it.

Brothers Nurzzaman Monzin and Shafiqul Mozahar were among those injured.

"We were dragging a reinforcing cable (which hold together the girders) across the flyover with 15 other workers when I heard a loud cracking sound.

"The section suddenly collapsed. I managed to break my fall by jumping off the falling panel just before it crashed onto the road.

"Shafiqul could not escape as he was trapped by the cable he was holding," Nurzzaman, 30.

The 28-year-old Shafiqul, who suffered head injuries and a broken leg, is being treated at the Intensive Care Unit of the Tengku Ampuan Rahimah Hospital in Klang.

The others who were also warded were Musharaf (head injuries), K. Razu Ahmad Amzad, 39, (head injuries), Alam Agir, 40, (left leg broken), Abu Bakar, 30, (head injuries), Jahangir Alam, 30, (head), Bagt, 28 (left leg broken) and Md. Abd Malak, 38 (head injuries).

The construction of the NKVE-Jalan Meru interchange started in May last year and was due to be completed at the end of this year. The RM150mil, 7.5km link connects the NKVE to Jalan Meru in Klang.

Meanwhile, Shah Alam OCPD ACP Abdul Wahab Embong said the affected section of the NKVE would be closed indefinitely until further notice.

He also said that stretch of the NKVE from the Bukit Jelutong interchange and Bukit Raja toll plaza would also be closed to traffic in both directions until further notice.

Taken from:

<http://thestar.com.my/news/story.asp?file=/2005/7/11/nation/11452743&sec=nation>

Q2 You are the project engineer assigned to build a badminton hall at UTHM sports complex. The time scheduled is 18 months beginning January 2009. The following are the tasks you are required to carry out during this period.

- Visiting the site
- Drawing the plan
- Getting the approval
- Clearing the site
- Laying the foundation
- Building the main structure
- Putting up the roofing
- Installing electrical fittings
- Painting and sketching the courts

(a) Prepare a complete **gant chart** listing the tasks given above.

(5 marks)

(b) Presently you have just completed clearing the site. Discuss only the 'Work Completed' section of a progress report.

(10 marks)

Q3 You are asked to conduct a survey on the reasons why many first year university students could not perform well in Statistics. The objectives of the survey are as follows:

- to identify the students' perceptions towards learning Statistics.
- to identify the reasons why students could not perform in Statistics.
- to identify how students can perform well in Statistics.

Based on the objectives, prepare **two (2)** survey questions for each of the following types:

- (a) multiple-choice,
- (b) either-or,
- (c) open-ended,
- (d) scale, and
- (e) checklist.

(20 marks)

Q4 A local firm has carried out a survey to find out which of the two fast food chains was more popular in Town X. Given below is a bar graph showing the results of the survey. Based on the information given in Figure 1, prepare:

- (a) the findings and discussion, (30 marks)
- (b) the conclusions, and (10 marks)
- (c) the recommendations. (10 marks)

Your writing may include the following aspects:

- The number of people in each age group visiting the fast food restaurants.
- Possible reasons as to why fast food is more popular with certain age groups.
- Your conclusion as to which fast food restaurant chain is more popular.

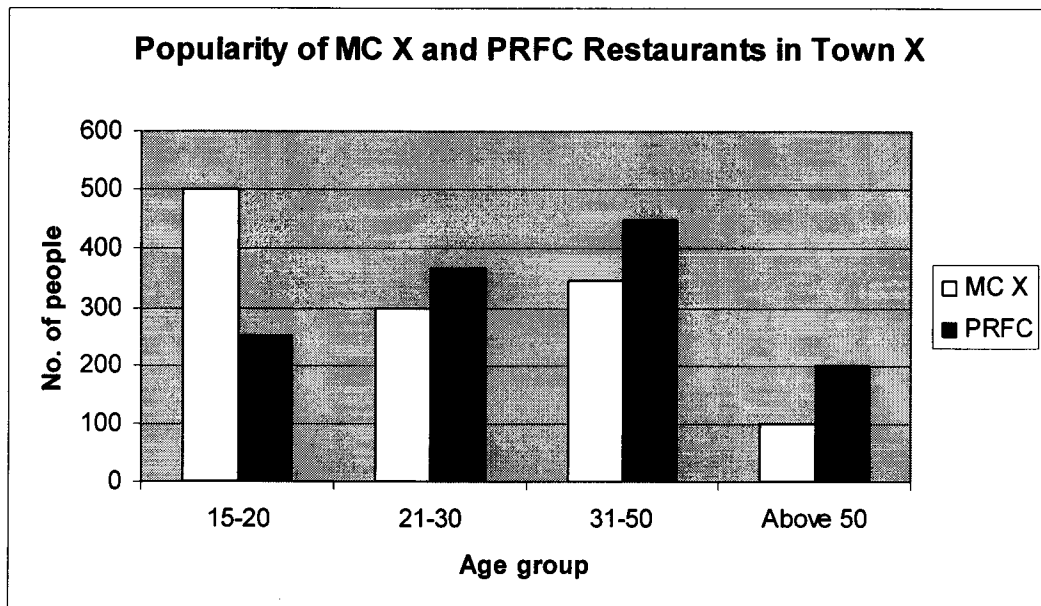


Figure 1: Respondents' Preferences on MC X and PRFC Restaurants in Town X

This page is to be attached together with the student's answer script.

Name: \_\_\_\_\_

Matric Number: \_\_\_\_\_

## ACCIDENT / INCIDENT REPORT FORM

### SECTION I: WITNESS INFORMATION

NAME: \_\_\_\_\_

HOME ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

Telephone Number: ( ) \_\_\_\_\_

Age: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

### SECTION II: ACCIDENT/INCIDENT DATA

No of Injury: \_\_\_\_\_

DATE of Accident /Incident: \_\_\_\_\_ TIME of Accident /Incident: \_\_\_\_ AM \_\_\_\_ PM

Accident /Incident occurred at: \_\_\_\_\_

Specific Location of Accident: \_\_\_\_\_

**Briefly explain what happened:** (if an injury, (1) explain activities occurring when injury or illness occurred and what tools, machinery, chemicals, were involved, (2) what happened to cause this injury or illness (3) what was the injury or illness (i.e., state the part of body affected and how it was affected)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**What action was taken:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Include specific details on how it was mediated, how the incident can be avoided in the future:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Completed by: \_\_\_\_\_  
(signature)

Date: \_\_\_\_\_