



UNIVERSITI KUALA LUMPUR
Malaysia France Institute

FINAL EXAMINATION
JULY 2010 SESSION

SUBJECT CODE : FVB 30102
SUBJECT TITLE : AUTOMOTIVE REGULATION AND STANDARD
LEVEL : BACHELOR
TIME / DURATION : 9.00am – 11.00am
(2 HOURS)
DATE : 08 NOVEMBER 2010

INSTRUCTIONS TO CANDIDATES

1. Please read the instructions given in the question paper **CAREFULLY**.
 2. This question paper is printed on both sides of the paper.
 3. Please write your answers on the answer booklet provided.
 4. Answer should be written in blue or black ink except for sketching, graphic and illustration.
 5. This question paper consists of **TWO (2)** sections. Section A and B. Answer all questions in Section A. For Section B, answer three (3) questions only.
 6. Answer all questions in English.
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THERE ARE 4 PAGES OF QUESTIONS, EXCLUDING THIS PAGE.

SECTION A (Total: 55 marks)**INSTRUCTION: Answer ALL questions.****Please use the answer booklet provided.****Question 1**

Explain in detail the vehicle category under code "M", "N" and "O" and give example for each category.

(15 marks)

Question 2

What are the important differences between a Goods Vehicle (N1) and a Passenger Vehicle (M1)?

(5 marks)

Question 3

Differentiate between Motor caravan and M1 category vehicle.

(6 marks)

Question 4

Give definition for the Stop-lamp and elaborate its standard criteria

(6 marks)

Question 5

There are modifications or accessories installation that are not allowed by the RTD (JPJ). List 5 modifications that are not allowed.

(10 marks)

Question 6

Environment Quality (Control of Emission from Petrol Engine) Regulation, 1996 stated that there a certain emission limit for the vehicles enforced since September 1996 for new and existing model. Give the emission limit for new model and existing model?

(5 marks)

Question 7

Elaborate all types of vehicle registration number plates allowed in Malaysia and give an example on each type.

(8 marks)

SECTION B (Total: 45 marks)

INSTRUCTION: Answer only THREE questions.

Please use the answer booklet provided

Question 1

Give **FIVE** (5) conditions where the workers should adhere to when changing the complete engine and things that should be adjusted accordingly. Give your opinion why this additional matter is important

(15 Marks)

Question 2

One of the information stated in the MS 1096: 1997 with regard to Markings of cylinder is 'the specifications to which the cylinder was manufactured'

State 5 (five) more information that need to be displayed on the cylinder as required by the said authority, and what are the size of the characters used for the above markings?

(15 Marks)

Question 3

In determining the proper NGV cylinder location as required by MS 1096-1997, certain factors must be considered.

List seven (7) factors that you must consider to satisfy the above requirements and give your justification on it .

(15 Marks)

Question 4

Deletion of the panel chassis number is a serious offence which can result in the vehicle seized. Based on the Figure 1 below, indicate three possible errors that can be done. What are the impacts and possibility causes.

(15 Marks)

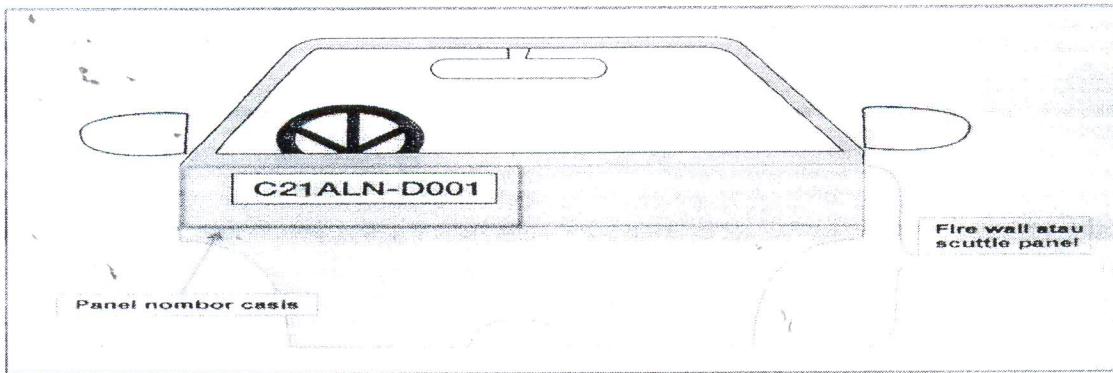


Figure 1: view from front vehicle

END OF QUESTION