PEPERIKSAAN AKHIR SEMESTER PERTAMA SESI 2013/2014

FINAL EXAMINATION FIRST SEMESTER SESSION 2013/2014

KOD / NAMA KURSUS : BPMG 3093 / PENUGASAN PENANGKUTAN UDARA
COURSE CODE / NAME : BPMG 3093 / AIR TRANSPORT MANAGEMENT

TARikh : 6 JANUARI 2014 / 6th JANUARY 2013 (ISNIN/ MONDAY)
DATE : 9.00 - 11.30 AM (2 ½ JAM/HOURS)
TIME : DTSO

ARAHAN
INSTRUCTION

1. Kertas soalan ini mengandungi LIMA (5) soalan esei dalam TIGA (3) halaman bercetak tidak termasuk kulit hadapan.
This exam paper consists of FIVE (5) essay questions in THREE (3) printed pages not including the cover page.

2. Anda dikehendaki menjawab KESEMUA soalan dalam lembaran jawapan yang disediakan.
You are required to answer ALL questions in the answering sheets provided.

3. Anda dikehendaki mengikat kertas soalan dengan kertas jawapan bersama.
You are required to tie the exam paper with the answer sheets together.

This exams paper is PROHIBITED to be taken out from the exams hall.

NO. MATRIK : 
MATRIC NO. : (dengan perkataan / with word) : (dengan angka / with number)

NO. KAD PENGENALAN :
IDENTIFICATION CARD NO.

PENSYARAH :
LECTURER

KUMPULAN
GROUP :
NO.MEJA : TABLE NO.

JANGAN BUKA KERTAS SOALAN INI SEHINGGA DIBERI ARAHAN
PLEASE DO NOT OPEN THIS QUESTION BOOKLET UNTIL INSTRUCTED

SULIT/CONFIDENTIAL
Answer ALL questions.

Read the case below carefully and use it to answer questions 1a, 1b 1c and 1d

Case Study: Towards Vision 2020 in India

With the infrastructure constraint as one of the obstacles to the growth of Indian civil aviation, a good deal has already been invested in airport development. The Indian Civil Aviation Ministry's Vision 2020 plan stresses a need to develop a country's infrastructure with a particular focus on well-equipped and user friendly airports to handle as many as 280 million passengers per year by the 2020. Public-private participation has been directed to fund the construction of ultra-modern airport at Bangalore, Hyderabad, and Kochi in South India. While New Delhi Airport has been given a boost with the commissioning of terminal III in 2010, modernisation programme at Chennai and Kolkata are far from completion.

**QUESTION ONE (20 MARKS)**

1a. As an experienced student of Air Transport, advise Indian Aviation Ministry on how to achieve the best airport in Asia. (5 Marks)

1b. Do you believe that deregulation of airport in India can have positive impact toward their vision 2020? (1 mark)

1c. Give 4 reasons for your answers in 1b. (4 Marks)

1d. Discuss 4 likely outcome(s) of deregulation in India aviation industry if well applied. (10 Marks)
QUESTION TWO (20 MARKS)

The air traffic control is known to be provided by ground-based controllers who direct aircraft on the ground and through controlled airspace and can provide advisory services to aircraft in non-controlled airspace. This reveals that operations of many departments in airport are interrelated.

2a. With your understanding on the above paragraph, describe aviation system. (2 Marks)

2b. With annotated diagram, list and discuss 7 components of aviation system. (10 Marks)

2c. Discuss the 5 importance of information technology companies in the operation of airport. (8 Marks)

QUESTION THREE (20 MARKS)

3a. Define the following terms in aviation industry:

   i. Cargo (1 Mark)
   ii. Consignment (1 Mark)
   iii. Air waybill (1 Mark)
   iv. Consolidation (1 Mark)
   v. Measures of traffic (1 Mark)

3b. Whenever there is aviation accident which is defined by the convention of international civil aviation Annex 13 as occurrence associated with the operation of an aircraft, the rescuer team always look for "Black box".

Describe the Black box and its 2 usefulness in aviation industry. (8 Marks)

3c. Evaluation of aircraft is recommended as a necessity in the aviation industry. Describe 4 ways to achieve effective evaluation of aircraft. (7 Marks)
QUESTION FOUR (20 MARKS)

4a. Describe the following terms commonly used in aviation industry:
   i. Slots in airport (2 Marks)
   ii. Airline scheduling (2 Marks)

4b. Describe 4 ways by which IATA can impact slots allocation processes in airport. (8 Marks)

4c. Discuss likely 2 strengths and 2 weaknesses of IATA slot allocation processes. (8 Marks)

QUESTION FIVE (20 MARKS)

5a. Differentiate between regulation and standard as they are used in aviation industry. (6 Marks)

5b. Discuss 4 functions of International Civil Aviation Organisation (ICAO) in the global aviation industry. (6 Marks)

5c. International Civil Aviation Organisation (ICAO) has some regulations and standards which are known as ICAO Annexes. Discuss 4 focuses for each of ICAO Annex 1 and Annex 2. (8 Marks)

END OF QUESTIONS