



KOLEJ SYNERGY
NO 32, 34 JALAN PERAI JAYA 4,
BANDAR PERAI JAYA,
13600 PULAU PINANG.

PENILAIAN PENGETAHUAN
(KNOWLEDGE ASSESSMENT)

KOD UNIT KOMPETENSI/COMPETENCY <i>UNIT CODE</i>	IT-010-4:2013 – C05
TAJUK UNIT KOMPETENSI/COMPETENCY <i>UNIT TITLE</i>	INFRA SYSTEMS INTERFACE DESIGNING
NO. KOD/ CODE NO.	IT-010-4:2013 – C05/KA(1/1)
NAMACALON/CANDIDATE'S NAME	Tan Wen Xuan
NO KADPENGENALAN/NRIC NUMBER	991020-07-5545
MASA/TIME	2.00PM – 3.30PM (1 HOUR 30 MINUTES)
TARIKH/DATE	
KEPUTUSANPENILAIAN/ASSESSMENT RESULT	
MARKAH/SCORE: %	TERAMPIL/BELUM TERAMPIL <i>COMPETENT / NOT COMPETENT</i>
ULASAN PEGAWAI PENILAI/ASSESSOR COMMENT :	
_____ Tandatangan Pegawai Penilai/Assessor's Signature Nama/Name :	Tarikh/Date :

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Instruction to candidate :

Write down the name and numbers of your ID card in the space provided.

1. Candidates are not allowed to open the paper until allowed.
2. Please answer all questions.
3. Not allowed to bring any notes and reference materials except allowed.
4. candidates are prohibited copying during evaluation.
5. Prohibited brings out the question paper.

KERTASSOALANINIMENGANDUNGI 6 MUKASURATBERCETAK.

This paper consists of 6 printed pages

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SECTION A: STRUCTURED QUESTIONS

This section contains five (5) questions. Please write your answers clearly. If you want to change your answer, please line in the previous answer. Answer on the answer sheet provided.

1. Define Information System Analysis and Design.

A method used by companies to create and maintain systems that perform basic business functions.

(5 Marks)

2. List different types of Information systems

o Transaction Processing Systems (TPS)

o Management Information Systems (MIS)

o Decision Support Systems (DSS)

(5 Marks)

3. Who is a System Analyst and list any three skills of a System Analyst

Key individuals in the systems development process.

o Analytical

o Technical

o Management

(5 Marks)

SECTION B: ESSAY QUESTIONS

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This section contains one (2) question. Write your answers clearly. If you want to change your answer, please line in the previous answer. Answer on the answer sheet provided.

1. Write the following responsibilities of team of system development

a. Programmers

Convert specifications into instructions that computer understands.

(5 Marks)

b. Internal Auditors

Ensures that required controls are built into the system.

(5 Marks)

c. System Analyst

Performs analysis and design of a system.

(5 Marks)

d. Human Factors Specialists

Involved in training users and writing documentation.

(5 Marks)

e. IS manager

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Allocates resources to and oversees system development projects.

(5 Marks)

2. Describe five types of information systems, and give examples of each.

Hardware: The term hardware refers to machinery. This category includes the computer itself, which is often referred to as the central processing unit (CPU), and all of its support equipments.

Software: The term software refers to computer programs and the manuals (if any) that support them. Computer programs are machine-readable instructions that direct the circuitry within the hardware parts of the CBIS to function in ways that produce useful information from data.

Data: Data are facts that are used by programs to produce useful information.

Like programs, data are generally stored in machine-readable form on disk or tape until the computer needs them.

Procedures: Procedures are the policies that govern the operation of a computer system. "Procedures are to people what software is to hardware" is a common analogy that is used to illustrate the role of procedures in a CBIS.


People: Every CBIS needs people if it is to be useful. Often the most over-looked element of the CBIS are the people, probably the component that most influence the success or failure of information systems.

(20 Marks)

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 <div style="margin-left: 20px;"> <p>KOLEJ SYNERGY NO 32, 34 JALAN PERAI JAYA 4, BANDAR PERAI JAYA, 13600 PULAU PINANG.</p> <p>PENILAIAN PENGETAHUAN (KNOWLEDGE ASSESSMENT)</p> </div>	
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NO. KOD/CODE NO.	IT-010-4:2013 – C05/KA(1/1)
ASSESSMENT RESULT	
SCORE: %	COMPETENT/ NOT COMPETENT
SECTION / QUESTION NO.	MARK OBTAINED
A	/ 40
B	/ 20
TOTAL	/ 60 (100%) =
	/100 (15%) =

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