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Family Name					
Given Name/s					
Student Number					
Teaching Period	Semester 2, 2018				

ACT506 – Accounting Information Systems	DURATION	
	Reading Time:	10 minutes
	Writing Time:	180 minutes
INSTRUCTIONS TO CANDIDATES		
<p>The examination has three sections</p> <p>Section A: 30 marks - Marks for each question are of equal value (2/3 marks each) Suggested Time: 105 mins Multiple Choice Questions: Answer ALL (45) questions. Section A must be answered on the Answer sheet provided and must be handed in with your answer booklet. Please ensure that your name and student number are clearly indicated on your Answer Sheet.</p> <p>Section B: 15 marks Suggested Time: 55 mins Short Essay Question: Answer ALL (3) questions</p> <p>Section C: 5 marks Suggested Time: 20 mins System Analysis Question: This section consists of one question that must be answered.</p> <p>Total marks for this examination: 50</p>		
EXAM CONDITIONS		
<p><u>You may begin writing from the commencement of the examination session.</u> The reading time indicated above is provided as a guide only.</p>		
This is a RESTRICTED OPEN BOOK examination		
Any non-programmable calculator is permitted		
No handwritten notes are permitted		
Any hard copy, unannotated English dictionary is permitted		
ADDITIONAL AUTHORISED MATERIALS	EXAMINATION MATERIALS TO BE SUPPLIED	
No additional printed material is permitted	1 x 8 Page Book 1 x 4-Multiple Choice Answer Sheet	

**THIS EXAMINATION IS PRINTED
DOUBLE-SIDED.**

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LEFT BLANK.**

SECTION B:

This section consists of three essay style questions that must be answered. Commence the answer to the questions on a new page of the exam booklet. Additional exam booklets are available if needed.

QUESTION B (15 Marks - Suggested time approx. 55 minutes)

B 1. The business environment is increasingly demanding the use of On Line Real Time (OLRT) systems for more up-to-date information. Discuss in detail the issues related to the adoption (or not as the case may be) of an OLRT system. Your answer should include (but not be limited to) implementation and operational concerns, matters related to the qualities of information, internal controls issues, the advantages and disadvantages of OLRT etc.. To illustrate your answer, identify a specific situation in which periodic/batch processing is sufficient to support the business process, and a second situation where immediate processing is necessary to adequately support the process.

(5 MARKS)

B 2. Why has the World Wide Web (WWW) caused such an expansion in e-business when Electronic Data Interchange (EDI) has been available for decades? Your answer should include (but not be limited to) a brief description of the terms WWW and EDI, a discussion on the core similarities and differences between WWW and EDI, and a comparison of the advantages and disadvantages of the WWW and EDI.

(5 MARKS)

B 3. It is sometimes suggested that an Enterprise Resource Planning (ERP) system – utilising a DBMS - is preferable to a “*simpler*” application based system. In the context of a small to medium size organisation, describe the circumstances and issues that would be relevant in determining whether or not to implement an ERP system. Your answer should include (but not be limited to) a brief comparison of the advantages and disadvantages of ERP/DBMS and Application Based Systems, key circumstances, factors and/or issues that would be relevant to your recommendation to implement an ERP system (or otherwise).

(5 MARKS)

SECTION C:**(5 Marks - Suggested time approx. 20 minutes)**

This section consists of one systems analysis style question that must be answered.

Commence the answer to the question on a new page of the exam booklet. Additional exam booklets are available if needed.

A flowchart on page 13 of this paper is the systems/document flowchart of a Purchasing System (and associated systems). The flowchart is annotated with 10 points labelled A to J, that represent either a control plan that satisfies one or more control objectives of the system OR a point where a control plan to satisfy one or more control objectives of the system are missing.

Required:

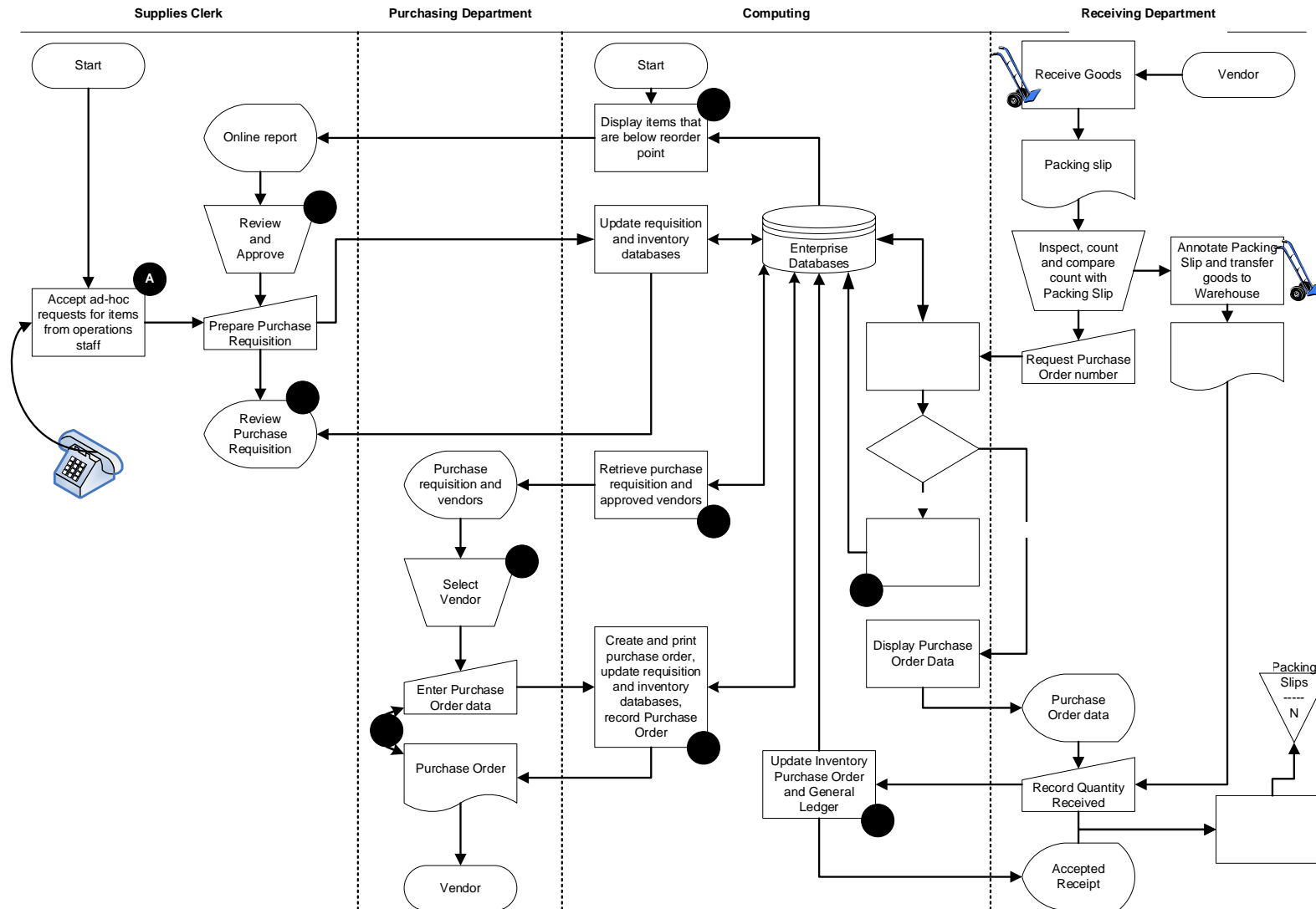
For all 10 identified control points indicate what control objectives of the system are satisfied or missing. There may be more than one control objective identified for each control point indicated. In addition, for each of the MISSING control plans speculate on a control plan that should/could be implemented for each MISSING element.

Your answer should be formatted in the manner indicated below.

Note the following is an example only.

Control Point Letter	Control Process/Plan	Control objective	Existing or Missing?
e.g. X	Inspect, Count and Compare with	Security	Existing
e.g. Y	Compare PO with receiving data	Input validity and accuracy	Missing

(5 MARKS)



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Control Matrix															
Control Goals of the Operations System						Control goals for the Information system									
Ensure effectiveness of operations by achieving the following system goals:						Ensure efficient employment of resources	Ensure security of resources	For input ensure:			For file ensure:				
Recommended Control Plans	A	B	C	D	E			IV	IC	IA	UC	UA			
KEY:															
A	Details of operations control goals							IV		Input Validity					
B	Details of operations control goals							IC		Input Completeness					
C	Details of operations control goals							IA		Input Accuracy					
D	Details of operations control goals							UC		Update Completeness					
E	Details of operations control goals							UA		Update Accuracy					